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OM nucleic - nucleic search, using sw model

Run on: September 10, 2004, 18:28:30 ; Search time 159 Seconds
(without alignments)
6547.722 Million cell updates/sec

Title: US-09-944-896-49

Perfect score: 1876

Sequence: 1 cttctttgtccaccagccca.....tcagctgaaaaaaaaa 1876

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

- 1: /cgn2_6/prodata/2/ina/5A_COMB.seq.*
- 2: /cgn2_6/prodata/2/ina/5B_COMB.seq.*
- 3: /cgn2_6/prodata/2/ina/6A_COMB.seq.*
- 4: /cgn2_6/prodata/2/ina/6B_COMB.seq.*
- 5: /cgn2_6/prodata/2/ina/6C_COMB.seq.*
- 6: /cgn2_6/prodata/2/ina/6D_COMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1876	100.0	1876	4	US-09-866-028-49
2	672.8	35.9	690	4	US-09-404-879A-321
3	48.4	2.6	13857	4	US-09-620-312D-75
4	47.8	2.5	582	4	US-09-433-248A-3
5	45	2.4	45	4	US-09-866-028-53
6	43.4	2.3	1155	2	US-08-387-942C-18
7	43.4	2.3	12588	2	US-08-387-942C-1
8	42.6	2.3	3259	5	PCT-US95-03747-1
9	41.8	2.2	505	4	US-09-621-976-15639
10	40.8	2.2	393	4	US-09-833-381-1076
11	40.8	2.2	948	4	US-09-252-991A-14810
12	40.8	2.2	1428	4	US-09-252-991A-14802
13	40.8	2.2	1658	4	US-09-252-991A-14950
14	40.8	2.2	4524	4	US-08-624-447-11
15	40.8	2.2	4724	1	US-08-404-665-3
16	40.8	2.2	4724	1	US-08-404-671-3
17	40.8	2.2	4724	1	US-08-404-781-3
18	40	2.1	4403765	3	US-09-103-840A-2
19	39.4	2.1	885	4	US-09-252-991A-7525
20	39.4	2.1	969	4	US-09-252-991A-7599
21	39.4	2.1	1101	4	US-09-252-991A-7952
22	39.4	2.1	1176	2	US-08-387-942C-17
23	39.2	2.1	4403765	3	US-09-103-840A-2
24	39.2	2.1	4411529	3	US-09-103-840A-1
25	39	2.1	7218	1	US-08-232-463-14
26	38.6	2.1	1155	2	US-08-387-942C-21
27	38.6	2.1	1341	4	US-09-252-991A-1920

28	38.6	2.1	1362	4	US-09-252-991A-1839	Sequence 1839, Ap
29	38.6	2.1	1407	4	US-09-252-991A-2037	Sequence 2037, Ap
30	38.2	2.0	636	4	US-09-252-991A-9106	Sequence 9106, Ap
31	38.2	2.0	2571	4	US-09-252-991A-9022	Sequence 9022, Ap
32	38.2	2.0	3150	4	US-09-252-991A-8765	Sequence 8765, Ap
33	38.2	2.0	3450	4	US-09-252-991A-8986	Sequence 8986, Ap
34	37.8	2.0	354	4	US-09-252-991A-633	Sequence 633, App
35	37.8	2.0	3756	4	US-09-252-991A-692	Sequence 692, App
36	37.8	2.0	3774	4	US-09-252-991A-719	Sequence 719, App
37	37.8	2.0	6885	4	US-09-252-991A-660	Sequence 660, App
38	37.4	2.0	2335	3	US-09-387-574-9	Sequence 9, Appli
39	37.4	2.0	2335	4	US-09-668-096-9	Sequence 9, Appli
40	37.2	2.0	425	4	US-09-621-976-42	Sequence 42, Appli
41	37.2	2.0	1070	4	US-09-470-443-7	Sequence 7, Appli
42	37.2	2.0	3726	1	US-08-173-497-1	Sequence 1, Appli
43	37.2	2.0	3726	1	US-08-286-889-1	Sequence 1, Appli
44	37.2	2.0	3726	1	US-08-485-618-1	Sequence 1, Appli
45	37.2	2.0	3726	1	US-08-362-652-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-866-028-49
; Sequence 49, Application US/09866028
; Patent No. 6642360
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028
; PRIOR APPLICATION DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-866-028-49

Query Match	100.0%;	Score 1876;	DB 4;	Length 1876;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1876;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;
Qy	1	CTCTTTGTCTCAGCCAGCCAGCTGACTCTCTGAGATTGTGAATAGCTCCATCCAGCTG	60	
Db	1	CTCTTTGTCTCAGCCAGCCAGCTGACTCTCTGAGATTGTGAATAGCTCCATCCAGCTG	60	
Qy	61	AGAAACAAGCCGGTGGCTGAGCCAGCTGTGACCGAGACCTGACGGGCCCAACAGAC	120	
Db	61	AGAAACAAGCCGGTGGCTGAGCCAGCTGTGACCGAGACCTGACGGGCCCAACAGAC	120	
Qy	121	CCATGCTGATCCAGAGACCTCCCTGGCGGGGGGATCTCTGTGCTGTCTCTGCTG	180	
Db	121	CCATGCTGATCCAGAGACCTCCCTGGCGGGGGGATCTCTGTGCTGTCTCTGCTG	180	

QY 604 TGGGCTGTGGGGGACCTGTGCTCTGAGGCCAGACAGCCATAGAGCCCTTTGTCTGTG 663
Db |||||
QY 1 TGGGCTGTGGGGGACCTGTGCTCTGAGGCCAGACAGCCATAGAGCCCTTTGTCTGTG 60
Db |||||
QY 664 CCTACTCCCCGGAGGCAACTGGGAGGTCAACGGGAAGACAATCATCCCTATAAGAGG 723
Db |||||
QY 61 CCTACTCCCCGGAGGCAACTGGGAGGTCAACGGGAAGACAATCATCCCTATAAGAGG 120
Db |||||
QY 724 GTGCTGTGTCTGCTCTGCAACGCAAGTGTCTCAGCTGTCTCAAAAGCCTGGACCATG 783
Db |||||
QY 121 GTGCTGTGTCTGCTCTGCAACGCAAGTGTCTCAGCTGTCTCAAAAGCCTGGACCATG 180
Db |||||
QY 784 CAGGGGGGCTCTGTGAGTCTCCAGGAATCTTCTGCGATGAGTCCAGACCAATGGAC 843
Db |||||
QY 181 CAGGGGGGCTCTGTGAGTCTCCAGGAATCTTCTGCGATGAGTCCAGACCAATGGAC 240
Db |||||
QY 844 GTCTCAACATCAGCACTCTGCACATGCGCACTGTCTCCCTGCTACACGGGCAGATCTGCC 903
Db |||||
QY 241 GTCTCAACATCAGCACTCTGCACATGCGCACTGTCTCCCTGCTACACGGGCAGATCTGCC 300
Db |||||
QY 904 AAGTGAGGTGAGGCTGAGTGTGCAACGGCGGTTCCGGGAGGAGTGTCTGTGG 963
Db |||||
QY 301 AAGTGAGGTGAGGCTGAGTGTGCAACGGCGGTTCCGGGAGGAGTGTCTGTGG 360
Db |||||
QY 964 TCTGTGATCGGCTACGGGGGAGCCAGTGTGCCAACAGGTGCAATTTCCCTTCCACA 1023
Db |||||
QY 361 TCTGTGATCGGCTACGGGGGAGCCAGTGTGCCAACAGGTGCAATTTCCCTTCCACA 420
Db |||||
QY 1024 CCTGTGACCTGAGGATCGACGGAGACTGTTTATGTGTCTTTCAGAGGAGACCATAT 1083
Db |||||
QY 421 CCTGTGACCTGAGGATCGACGGAGACTGTTTATGTGTCTTTCAGAGGAGACCATAT 480
Db |||||
QY 1084 ACAG-AGCCAGGATGAATGTACAGAGAAAGGGGGTGTGCCCCAGATCAGAGCCAG 1142
Db |||||
QY 481 ACAGAGCCAGGATGAATGTACAGAGAAAGGGGGTGTGCCCCAGATCAGAGCCAG 540
Db |||||
QY 1143 AAAGTGAGGACATCTCTGCTCTTATCTGTGGCGGCTGTGAGACCAACAGAGTGACT 1202
Db |||||
QY 541 AAAGTGAGGACATCTCTGCTCTTATCTGTGGCGGCTGTGAGACCAACAGAGTGACT 600
Db |||||
QY 1203 GACAGTGACTTCGAGACCGAGGACTTCTGATCGGGCTGTGAGACCAACAGAGTGACT 1262
Db |||||
QY 601 GACAGTGACTTCGAGACCGAGGACTTCTGATCGGGCTGTGAGACCAACAGAGTGACT 660
Db |||||
QY 1263 TCCTTCGCTGGGCCACAGGGGAGCCAG 1292
Db |||||
QY 661 TCCTTCGCTGGGCCACAGGGGAGCCAG 690
Db |||||

RESULT 3

US-09-620-312D-75
; Sequence 75, Application US/09620312D
; Patent No. 6569662

GENERAL INFORMATION:

; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunding
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6569662el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides

; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 75
; LENGTH: 13857
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(13857)
US-09-620-312D-75

Query Match

Best Local Similarity 2.6%; Score 48.4; DB 4; Length 13857;
Matches 127; Conservative 0; Mismatches 131; Indels 0; Gaps 0;

QY 862 GCACCTGCCACTGTCCCTCGCTACACGGGAGGAGTGTCTGCTGCTCTGTGACATCGGCTACG 921
Db 875 GCGCTGTGTGTAACTCCCGCTACACTGGGAGGAGTGTGGGGTGAAGCTGCCCTC 934
QY 922 AGTGTGTACAGCGCGGTTCGGGAGGAGGAGTGTCTGCTGCTCTGTGACATCGGCTACG 981
Db 935 GGGGTGTGAGCAGCGGGGAGCGTCTCAAGGAGCGGCGCTGTGTGTGACCCCGCTACA 994
QY 982 GGGGAGCCCACTGTGCCACCAAGGTGCATTTTCCCTTCCACACCTGTGACCTGAGGATCG 1041
Db 995 CTGGGAGGAGTGTGTGTACCGCGGAGTGTGCGGAGGAGTGTGGCGGAGGCGGCGCTCG 1054
QY 1042 ACGGAGACTGCTTATGTGTCTTTCAGAGGAGGAGTGTGCTTTCAGAGGAGGAGTGAAT 1101
Db 1055 TGGACGGCGCTGTGTGTGCTGTGGCCCGGCTACAGCGGAGGAGTGTGAGCAGCGGACAT 1114
QY 1102 GTCAGAGAAAGCGGGG 1119
Db 1115 GTCCGAGGAGTGTGCGGG 1132

RESULT 4

US-09-433-248A-3
; Sequence 3, Application US/09433248A
; Patent No. 6355462

GENERAL INFORMATION:

; APPLICANT: Falco, S. Carl
; APPLICANT: Famodu, Omolayo O.
; APPLICANT: Han, Feng
; APPLICANT: Rafalski, J. Antoni
; TITLE OF INVENTION: Disease Resistance Factors
; FILE REFERENCE: B1252 US NA
; CURRENT APPLICATION NUMBER: US/09/433,248A
; CURRENT FILING DATE: 1999-11-04
; PRIOR APPLICATION NUMBER: 60/107,242
; PRIOR FILING DATE: 1998-11-05
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 3
; LENGTH: 582
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (337)
; NAME/KEY: unsure
; LOCATION: (370)
; NAME/KEY: unsure
; LOCATION: (421)
; NAME/KEY: unsure
; LOCATION: (437)

NAME/KEY: unsure
LOCATION: (481)
NAME/KEY: unsure
LOCATION: (484)
NAME/KEY: unsure
LOCATION: (502)
NAME/KEY: unsure
LOCATION: (511)
NAME/KEY: unsure
LOCATION: (542)
NAME/KEY: unsure
LOCATION: (547)
NAME/KEY: unsure
LOCATION: (564)
NAME/KEY: unsure
LOCATION: (571)
US-09-433-248A-3

Query Match 2.5%; Score 47.8; DB 4; Length 582;
Best Local Similarity 50.2%; Pred. No. 0.0067;
Matches 118; Conservative 0; Mismatches 117; Indels 0; Gaps 0;
QY 1210 ACTTCGAGACGAGCACTTCGTGGATCGGCTCACCTACAGACCGCAAGGACTCCTCC 1269
DB 1 ACATCTGAACCGGACCATGCCATGACACCTCCACAGGCACTCCGACTAGTCC 60
QY 1270 GCTGGCCACAGGGAGACCGAGCCCTTACAGTTTTCCTTTGGGAGCCCTGACACC 1329
DB 61 GCGAAGCCATCGGACGAGGACACGTGGAGCGCCATCTTCGGGTGGCTCGCGCGGCCAAG 120
QY 1330 ACGGCTGCTGTGCTGAGTCTCCATCGGCTTGGCACTCGGTGGAGCTGCAGGCTT 1389
DB 121 CCGGCTGATCATCTGACCCGTACCGCGGCGAGATCGCACGGTGGCGAGGCGCA 180
QY 1390 CAGCTGCTTCACTGAAGACGACGAGCGCTGCAAAACCGGAACCTTACATCTG 1444
DB 181 CGCGTTCCCGCACCGCGGCGGTGCTCTACAAACATCCAGTACATGAACCTTCTG 235

RESULT 5

US-09-866-028-53
Sequence 53, Application US/09866028
Patent No. 6642360
GENERAL INFORMATION:
APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/866,028
CURRENT FILING DATE: 2001-05-25
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 53
LENGTH: 45
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe

US-09-866-028-53

Query Match 2.4%; Score 45; DB 4; Length 45;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 45; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1254 GCCAAGGACTCCTTCGCTGGGCCACAGGGGAGCACCAGGCTTC 1298
DB 1 GCCAAGGACTCCTTCGCTGGGCCACAGGGGAGCACCAGGCTTC 45

RESULT 6

US-08-387-942C-18
Sequence 18, Application US/08387942C
Patent No. 593289
GENERAL INFORMATION:
APPLICANT: BOTESVAG, HELGA
APPLICANT: VALLA, SVEIN
APPLICANT: SKJAK-BRAEK, GUDMUND
TITLE OF INVENTION: LARSEN, BJORN
TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES
ENCODING MANNURONAN C-5-EPIMERASE
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP
STREET: P.O. BOX 747
CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22042
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/387,942C
FILING DATE: 09-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR, GERALD M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1809-106P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1155 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-387-942C-18

Query Match 2.3%; Score 43.4; DB 2; Length 1155;
Best Local Similarity 49.8%; Pred. No. 0.12;
Matches 110; Conservative 0; Mismatches 111; Indels 0; Gaps 0;
QY 1016 CTTCCACCTGTGACCTGAGGATCGAGGAGATGCTTTCATGTGTTTCAGAGGCGAGA 1075
DB 297 CTTCCGATGAGGACCTGACCTCGAGGCAACCGGCAACCTGTCCGCGCAAGGTGCA 356
QY 1076 CACCTATTACAGCCAGGATGAAATGTACAGAGGAAAGCGGGTGTGCGCCAGATCAA 1135
DB 357 CGCTGTGTTCAACGGGTACATCCCGGCGCAGACCGGCCGATCGGACGTGACCTTGA 416
QY 1136 GAGCCAGAAAGTGCAGGACATCTCTCTTCTATCTGGGCGCTTGGAGACCAACAGGA 1195
DB 417 GCGGTGGAAATCCGCGAGATGTCGGGTTCAGATTCGACCCCGCCAGCAGACATCAA 476
QY 1196 GGTGACTGACGTGACTTCGAGACCAAGGAACCTTCGTGGATCG 1236

Db 477 CCTGACGATCCGACACAGCGTGGCCACGACACAGCGCTCG 517

RESULT 7

US-08-387-942C-1
; Sequence 1, Application US/08387942C
; Patent No. 5939289
; GENERAL INFORMATION:
; APPLICANT: ERTESVAG, HELGA
; APPLICANT: VALLA, SVEIN
; APPLICANT: SKJAK-BRAEK, GUDMUND
; APPLICANT: LARSEN, BJORN
; TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES
; TITLE OF INVENTION: ENCODING MANNURONAN C-5-EPIMERASE
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP
; STREET: P.O. BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22042

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/387,942C
; APPLICATION NUMBER: US/08/387,942C
; FILING DATE: 09-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURPHY JR, GERALD M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1809-106P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12588 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Azotobacter vinelandii
; STRAIN: E
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 290..1951
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 2227..6438
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 6702..9695
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 9973..12588
US-08-387-942C-1

Query Match 2.3%; Score 43.4; DB 2; Length 12588;
Best Local Similarity 49.8%; Pred. No. 0.31;
Matches 110; Conservative 0; Mismatches 111; Indels 0; Gaps 0;

QY 1016 CTTCACACCTGTGACCTGAGGATCGACGAGACGTCTTCATGGTCTTCAGAGGCAGA 1075
|||
Db 2523 CTTCGCTAGGAGGACCTGACCTTCACGCGAACCGGACAACTGTTCGCGCAAGTCA 2582
|||
QY 1076 CACCTATTACAGCCAGGATGAATGTCTCAGGAGAAAGCGGGGTGCTGGCCCATCA 1135
|||
Db 2583 CGCTGGTTCAACGGGTACATCCCCGCGCAGGACGCGCGGATCGCGAGCTGACCTTGA 2642
|||

QY 1136 GAGCCAGAAAGTGACGACATCTCGCTTCTATCTGGCGCGCTTGGAGACCAACGA 1195
|||
Db 2643 GCGGGTGAATCCCGGAGATGTCCGGCTACGGTTCCACCCCGAGGACCATCAA 2702
|||
QY 1196 GGTGACTGACAGTACTTGGAGACCGAGGAATCTTGGATCG 1236
|||
Db 2703 CCTGACGATCCGCGACAGCGTGGCCCGACGACACAGCCTCG 2743
|||

RESULT 8

PCT-US95-03747-1
; Sequence 1, Application PC/TUS9503747
; GENERAL INFORMATION:
; APPLICANT: LA JOLLA CANCER RESEARCH FOUNDATION
; TITLE OF INVENTION: Brevican, A Glial Cell Proteoglycan
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03747
; FILING DATE: 27-MAR-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Imbra, Richard J.
; REGISTRATION NUMBER: 37,643
; REFERENCE/DOCKET NUMBER: PP-LJ 1453
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3259 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 112..2848
PCT-US95-03747-1

Query Match 2.3%; Score 42.6; DB 5; Length 3259;
Best Local Similarity 53.0%; Pred. No. 0.29;
Matches 115; Conservative 0; Mismatches 99; Indels 3; Gaps 1;

QY 944 GGAGGAGGAGTCTCGTGGCTCTGTGACATCGGCTACGGGGAGCCCGAGTGTGCCACAA 1003
|||
Db 2106 GGAGGAGGGGTCCGCTGCTGTTTGGCTATGGGGGACCTGTGCGATGTGG 2165
|||
QY 1004 GGTCCATTTTCCCTTCCACACCTGTGACCTGAGATCGACGAGACTGTTCATGTGTC 1063
|||
Db 2166 CCTCCACTTTCGACGCCCGGTTGGAC---GCCCTTCAGGGTCCCTGTACAAGCACTT 2222
|||
QY 1064 TTCAGAGCCAGACACCTATTACAGAGCCAGGATGAATGTCAGAGGAAGCGGGGTGCT 1123
|||
Db 2223 TTCTGCCCGAGAGAGCTGGGAGGAGCGGAGAACAGTCCGATGTACGGCGGCACCT 2282
|||
QY 1124 GGCCAGATCAAGAGCCAGAAAGTGCAGGACATCCTC 1160
|||
Db 2283 GGCCAGATCAGACGCGCGAGGAACAGGACTTCATC 2319
|||

RESULT 9

Mon Sep 13 10:31:17 2004

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1 APPLICANT: Ackley, Rhonda J.
2 APPLICANT: Hemperly, John J.
3 TITLE OF INVENTION: HUMAN RESTRICTIN AND NUCLEIC ACID
4 TITLE OF INVENTION: SEQUENCES
5 NUMBER OF SEQUENCES: 4
6 CORRESPONDENCE ADDRESS:
7 ADDRESSEE: Richard J. Rodrick, Becton Dickinson and
8 ADDRESSEE: Company
9 STREET: 1 Becton Drive
10 CITY: Franklin Lakes
11 STATE: NJ
12 COUNTRY: US
13 ZIP: 07417
14 COMPUTER READABLE FORM:
15 MEDIUM TYPE: Floppy disk
16 COMPUTER: IBM PC compatible
17 OPERATING SYSTEM: PC-DOS/MS-DOS
18 SOFTWARE: PatentIn Release #1.0, Version #1.25
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: US/08/404,665
21 FILING DATE:
22 CLASSIFICATION: 435
23 ATTORNEY/AGENT INFORMATION:
24 NAME: Fugit, Donna R.
25 REGISTRATION NUMBER: 32,135
26 REFERENCE/DOCKET NUMBER: P-3341
27 INFORMATION FOR SEQ ID NO: 3:
28 SEQUENCE CHARACTERISTICS:
29 LENGTH: 4724 base pairs
30 TYPE: nucleic acid
31 STRANDEDNESS: double
32 TOPOLOGY: linear
33 MOLECULE TYPE: cdna
34 US-08-404-665-3

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Search completed: September 10, 2004, 19:42:59
Job time : 166 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: September 10, 2004, 19:31:36 ; Search time 880 Seconds
(without alignments)
10726.292 Million cell updates/sec

Title: US-09-944-896-49

Perfect score: 1876

Sequence: 1 cttctttgtccaccagccca.....tcagctgtaaaaaaaaaa 1876

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3304383 seqs, 2515761380 residues

Total number of hits satisfying chosen parameters: 6608766

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	1876	100.0	1876	9	US-09-944-449-49
3	1876	100.0	1876	9	US-09-944-457-49
4	1876	100.0	1876	9	US-09-945-587-49
5	1876	100.0	1876	9	US-09-945-015-49
6	1876	100.0	1876	9	US-09-944-396-49
7	1876	100.0	1876	9	US-09-944-097-49
8	1876	100.0	1876	9	US-09-944-432-49
9	1876	100.0	1876	9	US-09-943-762-49
10	1876	100.0	1876	9	US-09-944-654-49
11	1876	100.0	1876	9	US-09-943-851A-49
12	1876	100.0	1876	9	US-09-944-413-49
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16 1876 100.0 1876 9 US-09-944-929-49 Sequence 49, Appl
17 1876 100.0 1876 9 US-09-944-907-49 Sequence 49, Appl
18 1876 100.0 1876 10 US-09-944-884-49 Sequence 49, Appl
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20 1876 100.0 1876 10 US-09-943-780-49 Sequence 49, Appl
21 1876 100.0 1876 11 US-09-945-584-49 Sequence 49, Appl
22 1876 100.0 1876 12 US-09-943-664-49 Sequence 49, Appl
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24 1876 100.0 1876 13 US-10-677-471-49 Sequence 49, Appl
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ALIGNMENTS

RESULT 1

US-09-866-028-49
; Sequence 49, Application US/09866028
; Patent No. US20020058309A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavins, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tamas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028
; PRIOR FILING DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-866-028-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 121 CCAATGCTGATCAGAGACCTCCCTGCGCGGGGACATCTCTGCTGTGCTCTGCGCC 180
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RESULT 2
 US-09-944-449-49
 ; Sequence 49 Application US/09944449
 ; Patent No. US20020102647A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Geritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth

APPLICANT: Kijavin,Ivar
APPLICANT: Napier,Mary
APPLICANT: Roy,Margaret
APPLICANT: Tumas,Daniel
APPLICANT: Wood,William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548PIC1
CURRENT APPLICATION NUMBER: US/09/944,449
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,335
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
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PRIOR APPLICATION NUMBER: 60/069,425
PRIOR FILING DATE: December 12, 1997
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PRIOR FILING DATE: December 16, 1997
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PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,870
PRIOR FILING DATE: December 17, 1997
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PRIOR FILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/068,017
PRIOR FILING DATE: December 18, 1997
PRIOR APPLICATION NUMBER: 60/070,440
PRIOR FILING DATE: January 5, 1998
PRIOR APPLICATION NUMBER: 60/074,086
PRIOR FILING DATE: February 9, 1998
PRIOR APPLICATION NUMBER: 60/074,092
PRIOR FILING DATE: February 9, 1998
PRIOR APPLICATION NUMBER: 60/075,945
PRIOR FILING DATE: February 25, 1998
PRIOR APPLICATION NUMBER: 60/112,850
PRIOR FILING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113,296
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 60/146,222
PRIOR FILING DATE: July 28, 1999
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: September 16, 1998
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: December 1, 1998
PRIOR APPLICATION NUMBER: 09/216,021
PRIOR FILING DATE: December 15, 1998
PRIOR APPLICATION NUMBER: 09/218,517
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 09/254,311
PRIOR FILING DATE: March 3, 1999
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28301
PRIOR FILING DATE: December 11, 1999
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: December 16, 1999
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: February 11, 2000
PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR FILING DATE: February 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: March 2, 2000
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: March 30, 2000
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: May 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: July 28, 2000
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
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TYPE: DNA
ORGANISM: Homo Sapien
US-09-944-449-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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541 AGTGTGCTCGAAACGCGCACCTGCAACCTACTACACAGCTGCTGTGGGCACTCAAGCC 600
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601 AGCTGGGCTGTGGGCGGACCTGCTCTGAGGCGGACAGAGGATAGAGGCTTGGCT 660
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841 GAGCTCTCAACATCAGACCTGCGCACTGCTCCCTCTGCTTACAGGCGAGATCT 900
901 GCCAAGTGAAGTGCAGCTGCTGAGTGTGTCAGCGGCGGTTCGGGAGGAGAGTCTCGT 960
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961 GCGTCTGTGAATCGGCTACCGGGGAGCCAGTGTGCGACCAAGTGTGCAATTTCCCTTCC 1020
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1021 ACACCTGTGACTGAGGATCGACGAGAGTCTTCTCATGCTGCTTTCAGAGGAGAGACCT 1080
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1201 CTGACAGTGAATCTGAGAGACAGGAACTTCTGATCGGGCTCACCTACAGACCCGCAAGG 1260
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1441 TCTCCAGTGTGCGGAGGAGCAATCTCCCGGTGGGCGGAGGCTCTGAGGCTGTGACCA 1500

PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: December 1, 1998
PRIOR APPLICATION NUMBER: 09/216,021
PRIOR FILING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 09/218,517
PRIOR FILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 09/254,311
PRIOR FILING DATE: March 3, 1999
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: June 22, 1999
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: September 15, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28409
PRIOR FILING DATE: No. US20020110859A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: No. US20020110859A1ember 30, 1999
PRIOR APPLICATION NUMBER: PCT/US99/28301
PRIOR FILING DATE: December 1, 1999
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: December 16, 1999
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: February 11, 2000
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: February 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: March 2, 2000
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: March 30, 2000
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: May 22, 2000
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: July 28, 2000
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 49
LENGTH: 1876
TYPE: DNA
ORGANISM: Homo Sapien
US-09-944-457-49
Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CTCTTTGTCCACAGCCAGCTGACTCTGTGAGATTTGTAATAGCTCCATCCAGCCTG 60
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Db 61 AGAAACAAGCCGGTGGCTGAGCCAGCTGTGCAACGAGACCTGACGGGCGGCGGCAACAGAC 120
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Db 241 CCGAGCCCTGAACAGAGGAGATTTCTGCTCTCTCTCTGCAACACCGCTGCGCA 300
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RESULT 4
US-09-945-587-49

US-09-943-387-49
; Sequence 49, Application US/09945587
; Patent No. US20020127643A1

; PATCHC NO: US20020127643A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin

APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan

APPLICANT: Eaton, Daniel
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen

APPLICANT: FIVAROLI, EILEEN
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher

; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth

APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary

APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Thomas, Daniel

APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TR

; TITLE OF INVENTION: SECRETED AND TR
 ; TITLE OF INVENTION: ACIDS ENCODING
 ; TITLE REFERENCE: D2548D1C1

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; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/9
CURRENT FILING DATE: 2001-08-26

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; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,02

; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067,411
 ; PRIOR FILING DATE: December 3, 1997

; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,333

;; PRIOR FILING DATE: December 11, 1999
;; PRIOR APPLICATION NUMBER: 60/069335

; PRIOR FILING DATE: December 11, 1999
 ; PRIOR APPLICATION NUMBER: 60/069,277

; PRIOR FILING DATE: December 11, 1999
; PRIOR APPLICATION NUMBER: 60/069,422

;; PRIOR FILING DATE: December 12, 1999
;; PRIOR APPLICATION NUMBER: 60/069,699

; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: 60/069,699

; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER 60/069 700

1	PRIOR FILING DATE: December 16, 1997	
2	PRIOR APPLICATION NUMBER: 60/069,870	
3	PRIOR FILING DATE: December 17, 1997	
4	PRIOR APPLICATION NUMBER: 60/069,873	
5	PRIOR FILING DATE: December 17, 1997	
6	PRIOR APPLICATION NUMBER: 60/068,017	
7	PRIOR FILING DATE: December 18, 1997	
8	PRIOR APPLICATION NUMBER: 60/070,440	
9	PRIOR FILING DATE: January 5, 1998	
10	PRIOR APPLICATION NUMBER: 60/074,086	
11	PRIOR FILING DATE: February 9, 1998	
12	PRIOR APPLICATION NUMBER: 60/074,092	
13	PRIOR FILING DATE: February 9, 1998	
14	PRIOR APPLICATION NUMBER: 60/075,945	
15	PRIOR FILING DATE: February 25, 1998	
16	PRIOR APPLICATION NUMBER: 60/112,850	
17	PRIOR FILING DATE: December 16, 1998	
18	PRIOR APPLICATION NUMBER: 60/113,296	
19	PRIOR FILING DATE: December 22, 1998	
20	PRIOR APPLICATION NUMBER: 60/146,222	
21	PRIOR FILING DATE: July 28, 1999	
22	PRIOR APPLICATION NUMBER: PCT/US98/19330	
23	PRIOR FILING DATE: September 16, 1998	
24	PRIOR APPLICATION NUMBER: PCT/US98/25108	
25	PRIOR FILING DATE: December 1, 1998	
26	PRIOR APPLICATION NUMBER: 09/216,021	
27	PRIOR FILING DATE: December 16, 1998	
28	PRIOR APPLICATION NUMBER: 09/218,517	
29	PRIOR FILING DATE: December 22, 1998	
30	PRIOR APPLICATION NUMBER: 09/254,311	
31	PRIOR FILING DATE: March 3, 1999	
32	PRIOR APPLICATION NUMBER: PCT/US99/12252	
33	PRIOR FILING DATE: June 22, 1999	
34	PRIOR APPLICATION NUMBER: PCT/US99/21090	
35	PRIOR FILING DATE: September 15, 1999	
36	PRIOR APPLICATION NUMBER: PCT/US99/28409	
37	PRIOR FILING DATE: No. US2002012763A1ember 30, 1999	
38	PRIOR APPLICATION NUMBER: PCT/US99/28313	
39	PRIOR FILING DATE: No. US2002012763A1ember 30, 1999	
40	PRIOR APPLICATION NUMBER: PCT/US99/28301	
41	PRIOR FILING DATE: December 1, 1999	
42	PRIOR APPLICATION NUMBER: PCT/US99/30095	
43	PRIOR FILING DATE: December 16, 1999	
44	PRIOR APPLICATION NUMBER: PCT/US06/03565	
45	PRIOR FILING DATE: February 11, 2000	
46	PRIOR APPLICATION NUMBER: PCT/US06/04414	
47	PRIOR FILING DATE: February 22, 2000	
48	PRIOR APPLICATION NUMBER: PCT/US06/05841	
49	PRIOR FILING DATE: March 2, 2000	
50	PRIOR APPLICATION NUMBER: PCT/US06/08439	
51	PRIOR FILING DATE: March 30, 2000	
52	PRIOR APPLICATION NUMBER: PCT/US06/14042	
53	PRIOR FILING DATE: May 22, 2000	
54	PRIOR APPLICATION NUMBER: PCT/US06/20710	
55	PRIOR FILING DATE: July 28, 2000	
56	PRIOR APPLICATION NUMBER: PCT/US06/32678	
57	PRIOR FILING DATE: December 1, 2000	
58	PRIOR APPLICATION NUMBER: PCT/US01/06520	
59	PRIOR FILING DATE: February 28, 2001	
60	NUMBER OF SEQ ID NOS: 120	
61	SEQ ID NO 49	
62	LENGTH: 1876	
63	TYPE: DNA	
64	ORGANISM: Homo Sapien	
65	US-09-945-587-49	

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Query Match      100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 121 CCATGCTGCATCCAGAGACCTCCCTGGCGGGGGGATCTCCTGCGCTGTCTCTGCGCC 180
Db 121 CCAAGCTGSCATCCAGAGACCTCCCTGGCGGGGGGATCTCCTGCGCTGTCTCTGCGCC 180
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Db 181 TCCTTGGCACCACCTGGCGGAGAGGTGTGGCCACCCAGCTGACAGGAGCAGGCTCCGATGG 240
QY 241 CCGAGGCTGTAACAGAGAGAGATTTCTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 300
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RESULT 5
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; Sequence 49, Application US/09945015
; Patent No. US20020132768A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavini, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel

APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P2548P1C1
CURRENT FILING DATE: 2001-09-26
PRIORITY APPLICATION NUMBER: US/09/945,015
PRIORITY FILING DATE: 2001-09-26
PRIORITY APPLICATION NUMBER: 09/866,028
PRIORITY FILING DATE: 2001-05-25
PRIORITY APPLICATION NUMBER: 60/067,411
PRIORITY FILING DATE: December 3, 1997
PRIORITY APPLICATION NUMBER: 60/069,334
PRIORITY FILING DATE: December 11, 1997
PRIORITY APPLICATION NUMBER: 60/069,335
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PRIORITY APPLICATION NUMBER: 60/069,278
PRIORITY FILING DATE: December 11, 1997
PRIORITY APPLICATION NUMBER: 60/069,425
PRIORITY FILING DATE: December 12, 1997
PRIORITY APPLICATION NUMBER: 60/069,696
PRIORITY FILING DATE: December 16, 1997
PRIORITY APPLICATION NUMBER: 60/069,694
PRIORITY FILING DATE: December 16, 1997
PRIORITY APPLICATION NUMBER: 60/069,702
PRIORITY FILING DATE: December 16, 1997
PRIORITY APPLICATION NUMBER: 60/069,870
PRIORITY FILING DATE: December 17, 1997
PRIORITY APPLICATION NUMBER: 60/069,873
PRIORITY FILING DATE: December 17, 1997
PRIORITY APPLICATION NUMBER: 60/068,017
PRIORITY FILING DATE: December 18, 1997
PRIORITY APPLICATION NUMBER: 60/070,440
PRIORITY FILING DATE: January 5, 1998
PRIORITY APPLICATION NUMBER: 60/074,086
PRIORITY FILING DATE: February 9, 1998
PRIORITY APPLICATION NUMBER: 60/074,052
PRIORITY FILING DATE: February 9, 1998
PRIORITY APPLICATION NUMBER: 60/075,945
PRIORITY FILING DATE: February 25, 1998
PRIORITY APPLICATION NUMBER: 60/112,850
PRIORITY FILING DATE: December 16, 1998
PRIORITY APPLICATION NUMBER: 60/113,296
PRIORITY FILING DATE: December 22, 1998
PRIORITY APPLICATION NUMBER: 60/146,222
PRIORITY FILING DATE: July 28, 1999
PRIORITY APPLICATION NUMBER: PCT/US98/19330
PRIORITY FILING DATE: September 16, 1998
PRIORITY APPLICATION NUMBER: PCT/US98/25108
PRIORITY FILING DATE: December 1, 1998
PRIORITY APPLICATION NUMBER: 09/216,021
PRIORITY FILING DATE: December 16, 1998
PRIORITY APPLICATION NUMBER: 09/218,517
PRIORITY FILING DATE: December 22, 1998
PRIORITY APPLICATION NUMBER: 09/254,311
PRIORITY FILING DATE: March 3, 1999
PRIORITY APPLICATION NUMBER: PCT/US99/12252
PRIORITY FILING DATE: June 22, 1999
PRIORITY APPLICATION NUMBER: PCT/US99/21090
PRIORITY FILING DATE: September 15, 1999
PRIORITY APPLICATION NUMBER: PCT/US99/28409
PRIORITY FILING DATE: No. US20020132768A1ember 30, 1999
PRIORITY APPLICATION NUMBER: PCT/US99/28313
PRIORITY FILING DATE: No. US20020132768A1ember 30, 1999
PRIORITY APPLICATION NUMBER: PCT/US99/28301
PRIORITY FILING DATE: December 1, 1999
PRIORITY APPLICATION NUMBER: PCT/US99/30095
PRIORITY FILING DATE: December 16, 1999
PRIORITY APPLICATION NUMBER: PCT/US00/03565
PRIORITY FILING DATE: February 11, 2000
PRIORITY APPLICATION NUMBER: PCT/US00/04414
PRIORITY FILING DATE: February 22, 2000
PRIORITY APPLICATION NUMBER: PCT/US00/05841
PRIORITY FILING DATE: March 2, 2000
PRIORITY APPLICATION NUMBER: PCT/US00/08439

PRIOR FILING DATE: March 30, 2000
PRIORITY APPLICATION NUMBER: PCT/US00/14042
PRIORITY FILING DATE: May 22, 2000
PRIORITY APPLICATION NUMBER: PCT/US00/20710
PRIORITY FILING DATE: July 28, 2000
PRIORITY APPLICATION NUMBER: PCT/US00/32678
PRIORITY FILING DATE: December 1, 2000
PRIORITY APPLICATION NUMBER: PCT/US01/06520
PRIORITY FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 49
LENGTH: 1876
TYPE: DNA
ORGANISM: Homo Sapien
US-09-945-015-49
Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CTCTTTTGTCCACAGCCAGCCAGCTGACTCTCTGAGATTGTGAATAGCTCCATCCAGCCTG 60
Db 1 CTCTTTTGTCCACAGCCAGCCAGCTGACTCTCTGAGATTGTGAATAGCTCCATCCAGCCTG 60
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Qy 481 TTGTTGAAGTGGTCAAGTGGGCTGGGAACATGACAGCTGCTGCCCGGGGCTTGGCGTCT 540
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; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020132981A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
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; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-09-944-396-49

Query March 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTCTTTTGTCCACAGCCAGCCAGCTGACTCTCTGGAGATTGTAAGTCCATCCAGCCTG 60
Db 1 CTCTTTTGTCCACAGCCAGCCAGCTGACTCTCTGGAGATTGTAAGTCCATCCAGCCTG 60

Qy 61 AGAAACAAGCCGGTGGCTGAGCCAGGCTGTGCACGGAGCACCTGACGGGCCCAACAGAC 120
Db 61 AGAAACAAGCCGGTGGCTGAGCCAGGCTGTGCACGGAGCACCTGACGGGCCCAACAGAC 120

Qy 121 CCATGCTGATCAGAGACCTCCCTTGGCGGGGATCTCTGGCTGTGCTCTTGGCTG 180
Db 121 CCATGCTGATCAGAGACCTCCCTTGGCGGGGATCTCTGGCTGTGCTCTTGGCTG 180

Qy 181 TCCTTGGCACCATCGGGAGAGTGTGGCCACCCAGCTGACGAGGAGAGGCTCCGATGG 240
Db 181 TCCTTGGCACCATCGGGAGAGTGTGGCCACCCAGCTGACGAGGAGAGGCTCCGATGG 240

Qy 241 CCGAGGCCCTGAACAGGAAGAGTTTCTGCTCTCTCTGTCACCAACCGCTCGCA 300
Db 241 CCGAGGCCCTGAACAGGAAGAGTTTCTGCTCTCTCTGTCACCAACCGCTCGCA 300

Qy 301 GCTGGTTCAGCCCTCCGCTGACATGCGAGGCTGAGTGGAGTGAAGCTTGGCCC 360
Db 301 GCTGGTTCAGCCCTCCGCTGACATGCGAGGCTGAGTGGAGTGAAGCTTGGCCC 360

Qy 361 AACTGGCTCAAGCCAGGCGAGCCTCTGTGGAATCCAAACCCAGCCTGGCCTCGGCC 420
Db 361 AACTGGCTCAAGCCAGGCGAGCCTCTGTGGAATCCAAACCCAGCCTGGCCTCGGCC 420

Qy 421 TGTGGCCACCTGCAAGTGGGTGGAACATGAGCTGTGCTCCCGGGCTTGGCGTCT 480
Db 421 TGTGGCCACCTGCAAGTGGGTGGAACATGAGCTGTGCTCCCGGGCTTGGCGTCT 480

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481 TTCTTTGAAGTGGTACGCTTATGTTTGCAGAGGGGAGCGGTACAGCCACGCGGAGAG 540
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541 AGTGTGCTGCAACGCGCACCTGCAACCCACTACAGCAGCTGCTGTGGGCCACTCAAGCC 600
601 AGCTGGGCTGTGGGGCGGACCTGTGCTCTGCAAGCCAGACAGCAGATAGAAAGCTTTGTCT 660
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841 GAGTCTCAACATCAGACCTGCGCACTGCGCACTGCTCCCTGCTGCTACAGGCGAGATCT 900
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961 GCGTCTGTGATCATCGGCTACGGGGAGCCAGTGTGCCACCAAGGTGCAATTTCCCTTCC 1020
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1021 ACACCTGTGACCTGAGGATCGACGAGACTGCTTCACTGTGTCTTCAGAGGCGAGACCT 1080
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1201 CTGACAGTGAATCTCGAGACCAAGGAACTTCTGATCGGGCTCACTCAAGACGCCAAGG 1260
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RESULT 8

US-09-944-432-49
; Sequence 49, Application US/09944432
; Patent No. US20020142419A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tamas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,432
; CURRENT FILING DATE: 2001-09-26

/	PRIOR APPLICATION NUMBER: 09/866,028	
/	PRIOR FILING DATE: 2001-05-25	
/	PRIOR APPLICATION NUMBER: 60/067,411	
/	PRIOR FILING DATE: December 3, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,334	
/	PRIOR FILING DATE: December 11, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,335	
/	PRIOR FILING DATE: December 11, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,278	
/	PRIOR FILING DATE: December 11, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,425	
/	PRIOR FILING DATE: December 12, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,696	
/	PRIOR FILING DATE: December 16, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,894	
/	PRIOR FILING DATE: December 16, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,702	
/	PRIOR FILING DATE: December 16, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,870	
/	PRIOR FILING DATE: December 17, 1997	
/	PRIOR APPLICATION NUMBER: 60/069,873	
/	PRIOR FILING DATE: December 17, 1997	
/	PRIOR APPLICATION NUMBER: 60/068,017	
/	PRIOR FILING DATE: December 18, 1997	
/	PRIOR APPLICATION NUMBER: 60/070,440	
/	PRIOR FILING DATE: January 5, 1998	
/	PRIOR APPLICATION NUMBER: 60/074,086	
/	PRIOR FILING DATE: February 9, 1998	
/	PRIOR APPLICATION NUMBER: 60/074,082	
/	PRIOR FILING DATE: February 9, 1998	
/	PRIOR APPLICATION NUMBER: 60/075,945	
/	PRIOR FILING DATE: February 25, 1998	
/	PRIOR APPLICATION NUMBER: 60/112,850	
/	PRIOR FILING DATE: December 16, 1998	
/	PRIOR APPLICATION NUMBER: 60/113,286	
/	PRIOR FILING DATE: December 22, 1998	
/	PRIOR APPLICATION NUMBER: 60/146,222	
/	PRIOR FILING DATE: July 28, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US98/19330	
/	PRIOR FILING DATE: September 16, 1998	
/	PRIOR APPLICATION NUMBER: PCT/US98/25108	
/	PRIOR FILING DATE: December 1, 1998	
/	PRIOR APPLICATION NUMBER: 09/216,021	
/	PRIOR FILING DATE: December 16, 1998	
/	PRIOR APPLICATION NUMBER: 09/216,517	
/	PRIOR FILING DATE: December 22, 1998	
/	PRIOR APPLICATION NUMBER: 09/254,311	
/	PRIOR FILING DATE: March 3, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US99/12252	
/	PRIOR FILING DATE: June 22, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US99/21090	
/	PRIOR FILING DATE: September 15, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US99/28409	
/	PRIOR FILING DATE: No. US20020142419A1ember 30, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US99/28313	
/	PRIOR FILING DATE: No. US20020142419A1ember 30, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US99/28301	
/	PRIOR FILING DATE: December 1, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US99/30095	
/	PRIOR FILING DATE: December 16, 1999	
/	PRIOR APPLICATION NUMBER: PCT/US00/03565	
/	PRIOR FILING DATE: February 11, 2000	
/	PRIOR APPLICATION NUMBER: PCT/US00/04414	
/	PRIOR FILING DATE: February 22, 2000	
/	PRIOR APPLICATION NUMBER: PCT/US00/05841	
/	PRIOR FILING DATE: March 2, 2000	
/	PRIOR APPLICATION NUMBER: PCT/US00/08439	
/	PRIOR FILING DATE: March 30, 2000	
/	PRIOR APPLICATION NUMBER: PCT/US00/14042	
/	PRIOR FILING DATE: May 22, 2000	
/	PRIOR APPLICATION NUMBER: PCT/US00/20710	
/	PRIOR FILING DATE: July 28, 2000	
/	PRIOR APPLICATION NUMBER: PCT/US00/32678	

; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 49
 ; LENGTH: 1876
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-09-944-432-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;

Query Match	100.0%;	Score 1876;	DB 9;	Length 1876;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1876; Conservative	0;	Mismatches	0;	Indels 0;
Gaps	0;			

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QY	61	AGAAACAAG	CCGGTGGCTG	AGCCAGGCTGTG	CAACGAGAC	ACTGACGGG	CCCAACAG	AC	120
Db	61	AGAAACAAG	CCGGTGGCTG	AGCCAGGCTGTG	CAACGAGAC	ACTGACGGG	CCCAACAG	AC	120
QY	121	CGATGCTGAT	CCAGAGACCT	CCCTGTG	CCGGGGGCA	TCTCTTG	GTGTGCTCT	CTGTGCCCC	180
Db	121	CGATGCTGAT	CCAGAGACCT	CCCTGTG	CCGGGGGCA	TCTCTTG	GTGTGCTCT	CTGTGCCCC	180
QY	181	TCTCTGGAC	CAACCTGTG	GGCAGAGTGTG	GCACCCAC	CGCTG	CAGGAGCAG	GGCTCCGATGG	240
Db	181	TCTCTGGAC	CAACCTGTG	GGCAGAGTGTG	GCACCCAC	CGCTG	CAGGAGCAG	GGCTCCGATGG	240
QY	241	CCGGAGCCCT	GAAACAGGA	AGAGATTTCT	TGTTCCTCT	CCCTGTG	CAACCGCTG	CGCA	300
Db	241	CCGGAGCCCT	GAAACAGGA	AGAGATTTCT	TGTTCCTCT	CCCTGTG	CAACCGCTG	CGCA	300
QY	301	GCTGGGTG	CAGCCCCCTG	CGGCTGACAT	TGCGGAGCT	TGGA	CTGAGTGA	CAGCCTGCGCC	360
Db	301	GCTGGGTG	CAGCCCCCTG	CGGCTGACAT	TGCGGAGCT	TGGA	CTGAGTGA	CAGCCTGCGCC	360
QY	361	AACCTGGCT	CAAGCGAC	GGCAGCCCTCT	TGTGGAAT	TCCCA	CCCGAGCT	TGGCATCCGGCC	420
Db	361	AACCTGGCT	CAAGCGAC	GGCAGCCCTCT	TGTGGAAT	TCCCA	CCCGAGCT	TGGCATCCGGCC	420
QY	421	TGTGGCGCA	CCCTGTGA	GTGGCTG	GAAATG	CAATG	CACTGTG	CCCGGGCTTGGCGTCT	480
Db	421	TGTGGCGCA	CCCTGTGA	GTGGCTG	GAAATG	CAATG	CACTGTG	CCCGGGCTTGGCGTCT	480
QY	481	TGTGTTGA	AGTGGT	CAGCCTAT	GTGTTTC	CAGAGGGG	CAGCGGTAC	GCACCGCGGAGGAG	540
Db	481	TGTGTTGA	AGTGGT	CAGCCTAT	GTGTTTC	CAGAGGGG	CAGCGGTAC	GCACCGCGGAGGAG	540
QY	541	AGTGTGCTG	CAACGCCAC	CTGCA	CCCACTAC	ACGCA	AGCTCGTGT	GGGCCACCTCAAGCC	600
Db	541	AGTGTGCTG	CAACGCCAC	CTGCA	CCCACTAC	ACGCA	AGCTCGTGT	GGGCCACCTCAAGCC	600
QY	601	AGCTGGGCTG	GGGGCGCA	CCCTGTG	CTCAGG	CCACAG	CGATAGAG	CCCTTTGTCT	660
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QY	661	GTGCTACT	CTCCCGGAGG	CAACTGGG	AGTGC	CAACGGG	AGACAATCAT	CCCCCTATAAGA	720
Db	661	GTGCTACT	CTCCCGGAGG	CAACTGGG	AGTGC	CAACGGG	AGACAATCAT	CCCCCTATAAGA	720
QY	721	AGGTGTGCT	GTGTGCTG	CAACGCA	GTGCTCAG	GGTCCAG	CGATAGAG	CCCTGGGACC	780
Db	721	AGGTGTGCT	GTGTGCTG	CAACGCA	GTGCTCAG	GGTCCAG	CGATAGAG	CCCTGGGACC	780
QY	781	ATGCAGGGGG	CGCTCTGT	GAGTCCC	CAGGAAT	CTCTGTG	CGCATGAG	CTGCCAGAACCATG	840
Db	781	ATGCAGGGGG	CGCTCTGT	GAGTCCC	CAGGAAT	CTCTGTG	CGCATGAG	CTGCCAGAACCATG	840
QY	841	GACGTCTCAA	CATCAG	CACCTGG	CACTGCC	CACTGT	CCCCCTGG	CTACAGGGCAGATAT	900
Db	841	GACGTCTCAA	CATCAG	CACCTGG	CACTGCC	CACTGT	CCCCCTGG	CTACAGGGCAGATAT	900

QY	901	GCCAACTGAGGTCAGCCTTCAGTGTGTGCAGCGCCGGTTCGGGAGGAGGAGTGTCTGT	960
DB	901		
QY	961	GCCTCTGTGATCATCGGCTACCGGGGAGCCAGTGTGCCACCAAGGTGCATTTTCCCTTCC	1020
DB	961	GCCTCTGTGATCATCGGCTACCGGGGAGCCAGTGTGCCACCAAGGTGCATTTTCCCTTCC	1020
QY	1021	ACACCTGTGACCTGAGGATCGACGGAGATGTGCTTCAATGTGTGTCTT	1080
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DB	1081	ATTACAGAGCCAGGATGAATGTTCAGAGGAAGGCGGGTGTGGCCCAAGATCAAGAGCC	1140
QY	1141	AGAAAGTGCAAGGACATCCTCGCCTTCTATCTGGCCCGCTTGGAGACCAACAAGAGGTGA	1200
DB	1141	AGAAAGTGCAAGGACATCCTCGCCTTCTATCTGGCCCGCTTGGAGACCAACAAGAGGTGA	1200
QY	1201	CTGACAGTGTACTTCAGAGACAGAGAACTTCTTGATTCGGGTCTACCTACAAGACGCGCAAGG	1260
DB	1201	CTGACAGTGTACTTCAGAGACAGAGAACTTCTTGATTCGGGTCTACCTACAAGACGCGCAAGG	1260
QY	1261	ACTCTCTCCGCTCGGCGCACAGGGGAGCACAGGCGTTCCACAGTTTGTCTTTGGGCAGC	1320
DB	1261	ACTCTCTCCGCTCGGCGCACAGGGGAGCACAGGCGTTCCACAGTTTGTCTTTGGGCAGC	1320
QY	1321	CTGACAAACCAAGGCTGGTGTGCTGAGTGTCTGCCATGGGGTTTGGCAACTGCTGTGAGC	1380
DB	1321	CTGACAAACCAAGGCTGGTGTGCTGAGTGTCTGCCATGGGGTTTGGCAACTGCTGTGAGC	1380
QY	1381	TGCAGGCTTCAGCTGCTCTCAACTGGAACAGCACAGCGCTGCAAAACCCGAACCGGTACA	1440
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DB	1501	CATGGCTCCCTCGCTGCGCTTGGAGGACACCGGCTCTGCTTACCTGTCTGCCACCTGTCT	1560
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QY	1621	AATGCCAAGAAGTTGGGAGAGAGAGGACAGGAGGCGCAGTGAGGCGCAGGAGTGAGTGT	1680
DB	1621	AATGCCAAGAAGTTGGGAGAGAGAGGACAGGAGGCGCAGTGAGGCGCAGGAGTGAGTGT	1680
QY	1681	AGAAGAGCTGGGGCCCTTCGCTGCTTTTGAATTGGGAAGATGGGCTTCAATTAGATGGC	1740
DB	1681	AGAAGAGCTGGGGCCCTTCGCTGCTTTTGAATTGGGAAGATGGGCTTCAATTAGATGGC	1740
QY	1741	GAAGGAGAGACACCGCAGTGTTCMAAAGAGCTGCTCTCTTCACCTGTGGCCAGACCC	1800
DB	1741	GAAGGAGAGACACCGCAGTGTTCMAAAGAGCTGCTCTCTTCACCTGTGGCCAGACCC	1800
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DB	1801	TGTGGGCGACGAGCTTCCCTGTGGCATGAAACCCACGGGGTATTAAATTATGAATCAG	1860
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RESULT 9
US-09-943-762-49
Sequence 48 Application US/09943762
: PRIOR FILING DATE: March 3, 1999
: PRIOR APPLICATION NUMBER: PCT/US99/12952
: PRIOR FILING DATE: June 22, 1999

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 Db 1861 CTGAAAAA 1876

RESULT 10

US-09-944-654-49
 ; Sequence 49, Application US/09944654
 ; Patent No. US20020142959A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerklitsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth
 ; APPLICANT: Kijavini, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Roy, Margaret
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P2548P1C1
 ; CURRENT APPLICATION NUMBER: US/09/944,654
 ; CURRENT FILING DATE: 2001-09-26
 ; PRIOR APPLICATION NUMBER: 09/866,028
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067,411
 ; PRIOR FILING DATE: December 3, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,334
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,335
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,278
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,425
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 ; PRIOR APPLICATION NUMBER: 60/069,694
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 ; PRIOR FILING DATE: December 16, 1997
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 ; PRIOR FILING DATE: December 17, 1997
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 ; PRIOR FILING DATE: December 17, 1997
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 ; PRIOR FILING DATE: December 18, 1997
 ; PRIOR APPLICATION NUMBER: 60/070,440
 ; PRIOR FILING DATE: January 5, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,086

; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,092
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/075,945
 ; PRIOR FILING DATE: February 25, 1998
 ; PRIOR APPLICATION NUMBER: 60/112,850
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 60/113,296
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 60/146,222
 ; PRIOR FILING DATE: July 28, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: September 16, 1998
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: December 1, 1998
 ; PRIOR APPLICATION NUMBER: 09/216,021
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 09/218,517
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 09/254,311
 ; PRIOR FILING DATE: March 3, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: June 22, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: September 15, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409
 ; PRIOR FILING DATE: No. US20020142359A1
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: No. US20020142359A1
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301
 ; PRIOR FILING DATE: December 1, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565
 ; PRIOR FILING DATE: February 11, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: February 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841
 ; PRIOR FILING DATE: March 2, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: March 30, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042
 ; PRIOR FILING DATE: May 22, 2000
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 ; PRIOR FILING DATE: July 28, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678
 ; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/04520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 49
 ; LENGTH: 1876
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-09-944-654-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTCTTTTGTCCACGAGCCAGCTGACTCTCTGGAGATTGTAATAGTCTCCATCCAGCCTG 60
 Db 1 CTCTTTTGTCCACGAGCCAGCTGACTCTCTGGAGATTGTAATAGTCTCCATCCAGCCTG 60
 QY 61 AGAAACAAGCCGGGTGGCTGAGCCAGGCTGTGACGAGCAGCTGACGGGCCCAACAGAC 120
 Db 61 AGAAACAAGCCGGGTGGCTGAGCCAGGCTGTGACGAGCAGCTGACGGGCCCAACAGAC 120
 QY 121 CCATGCTGCATCCAGACACTCCCTGGCGGGGATCTCTCTGGCTGTGCTCTCTGCCCC 180
 Db 121 CCATGCTGCATCCAGACACTCCCTGGCGGGGATCTCTCTGGCTGTGCTCTCTGCCCC 180
 QY 181 TCCTTGGCAACCTGGCGAGAGGTGTGGCCACCCAGCTGACGAGCAGGCTCCGATGG 240

;; PRIOR APPLICATION NUMBER: 60/069,334
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;; PRIOR FILING DATE: December 11, 1997
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;; PRIOR FILING DATE: January 5, 1998
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;; PRIOR FILING DATE: September 15, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28409
;; PRIOR FILING DATE: No. US20020150976A1ember 30, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: No. US20020150976A1ember 30, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28301
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;; PRIOR FILING DATE: December 1, 2000
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;; NUMBER OF SEQ ID NOS: 120

;; SEQ ID NO 49
;; LENGTH: 1876
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-09-943-851A-49

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTCTTTTGTCCACAGCCAGCCAGCTGACTCTCTGGAGATTGTGAATAGCTCCATCCAGCCTG 60
Db 1 CTCTTTTGTCCACAGCCAGCCAGCTGACTCTCTGGAGATTGTGAATAGCTCCATCCAGCCTG 60
Qy 61 AGAAACAAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGCACTGACGGGCGCAACAGAC 120
Db 61 AGAAACAAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGCACTGACGGGCGCAACAGAC 120
Qy 121 CCATGCTGCATCCAGAGACCTCCCTGGCGGGGGGCACTCTCTGGGCTGTGCTCTGGGCC 180
Db 121 CCATGCTGCATCCAGAGACCTCCCTGGCGGGGGGCACTCTCTGGGCTGTGCTCTGGGCC 180
Qy 181 TCCTTGGCACCACTGGGCGAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCGATGG 240
Db 181 TCCTTGGCACCACTGGGCGAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCGATGG 240
Qy 241 CCGAGGCCCTGACAGAGAGGAGGTTTCTTGCTCTCTCTCTGCAACAACCGCTGCGCA 300
Db 241 CCGAGGCCCTGAAACAGAGAGGAGTTTCTTGCTCTCTCTCTGCAACAACCGCTGCGCA 300
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QY 1081 ATTACAGAGCAGGATGAATGTACAGGAAGCGGGTGTCTGGCCACAGATCAAGAGCC 1140
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QY 1141 AGAAGTGACAGCATCCTCGCCTTCTATCTGGGCGCCTGGAGACCAACACGAGTGA 1200
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Db 1201 CTGACAGTGAATCTTGAGACACAGAACTTCTGGATCGGGTTCACCTACAGACCGCCAAAG 1260
QY 1261 ACTCCTTCGCTCGGCGCACAGGGGAGCACACAGGCTTCCACAGTTTGGCTTTGGGCGAC 1320
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Db 1741 GAAGGAGGAGACACCGCCAGTGTGTCCAAAGAGGCTGCTCTCTTCCACCTGGCCAGACCC 1800
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QY 1861 CTGAAAAAATAAAAA 1876
Db 1861 CTGAAAAAATAAAAA 1876

RESULT 12

US-09-944-413-49

; Sequence 49, Application US/09944413

; Patent No. US200201560041

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin

; APPLICANT: Botstein, David

; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,413
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
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; PRIOR FILING DATE: No. US20020156004A1ember 30, 1999
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US-09-944-413-49

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QY 1 CTCTTTTGTCCACGCCAGCTGACTCTCGAGATTGTGAATAGCTCCATCCAGCCTG 60
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Db 121 CCATGCTGATCCAGAGACTCCCTGGCGGGGGGCACTCTGCTGCTGCTGCTGCTG 180
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RESULT 13

US-09-944-403-49
; Sequence 49, Application US/09944403
; Patent No. US20020165143A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleone
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; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: F2548P1C1
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; CURRENT FILING DATE: 2001-09-26
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; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020165143A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020165143A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
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; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
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Db 1 CTCTTTTGTCCACAGCCCGCTGCTGAGGATGTGAATAGCTCCATCCAGCCTG 60
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;; PRIOR FILING DATE: December 17, 1997
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;; PRIOR FILING DATE: December 18, 1997
;; PRIOR APPLICATION NUMBER: 60/070,440
;; PRIOR FILING DATE: January 5, 1998
;; PRIOR APPLICATION NUMBER: 60/074,086
;; PRIOR FILING DATE: February 9, 1998
;; PRIOR APPLICATION NUMBER: 60/074,092
;; PRIOR FILING DATE: February 9, 1998
;; PRIOR APPLICATION NUMBER: 60/075,945
;; PRIOR FILING DATE: February 25, 1998
;; PRIOR APPLICATION NUMBER: 60/112,850
;; PRIOR FILING DATE: December 16, 1998
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;; PRIOR FILING DATE: July 28, 1999
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;; PRIOR APPLICATION NUMBER: 09/254,311
;; PRIOR FILING DATE: March 3, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/12252
;; PRIOR FILING DATE: June 22, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: September 15, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28409
;; PRIOR FILING DATE: No. US20020168715A, September 30, 1999
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
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;; PRIOR APPLICATION NUMBER: PCT/US99/28301
;; PRIOR FILING DATE: December 1, 1999
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;; PRIOR FILING DATE: May 22, 2000
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;; PRIOR FILING DATE: July 28, 2000
;; PRIOR APPLICATION NUMBER: PCT/US00/32678
;; PRIOR FILING DATE: December 1, 2000
;; PRIOR APPLICATION NUMBER: PCT/US01/04520
;; PRIOR FILING DATE: February 28, 2001
;; NUMBER OF SEQ ID NOS: 120
;; SEQ ID NO 49
;; LENGTH: 1876
;; TYPE: DNA
;; ORGANISM: Homo Sapien

Query Match 100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 15

US-09-944-944-49
; Sequence 49, Application US/09944944
; Patent No. US20020173463A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul

; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavini, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944, 944
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866, 028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067, 411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069, 334
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; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113, 296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146, 222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
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; PRIOR FILING DATE: March 3, 1999
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; PRIOR FILING DATE: No. US20020173463A1ember 30, 1999
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; PRIOR FILING DATE: No. US20020173463A1ember 30, 1999
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; PRIOR FILING DATE: December 1, 1999
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; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
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; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 49
; LENGTH: 1876
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-944-944-49

Query Match      100.0%; Score 1876; DB 9; Length 1876;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1876; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Job time : 885 secs


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; Sequence 285, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
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QY 13 LLAVALALLGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNLRSWVQPPAADMRRL 72
Db 11 LIPLELLLVATT-----GPV-GAUTDEKRLVVELHNLRYRAQVSTASDMLHM 57
QY 73 DWSDSLQAQARAALCGIPTSLASGLMRTLQVGNMQLLPAGLASFV-----EV 123
Db 58 RWDEELAAFAKAVARQC-----VM-----GHNKERGRRGENTLFAITDEGMDVPLA 102
QY 124 VSLWFAEGORYSHAAGECARNATCTHYTLQVWATSSQLGCGEHLG-----SAGOTALEAFV 179
Db 103 MBEWHHERHYNLAAATCSGPGQMGHYTOVWAKTERIGCGSHFCEKLGQVEETIELLV 162
QY 180 CAYSPGNGWVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
Db 163 CNYEPPGN--VKGR--PYOEGTPOCSF-----GVHCKNSICEPIGSP 203

RESULT 3
US-09-905-125A-285
; Sequence 285, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905/125A
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 285
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-905-125A-285

Query Match
Best Local Similarity 31.9%; Score 272; DB 4; Length 463;
Matches 74; Conservative 28; Mismatches 78; Indels 52; Gaps 9;

QY 13 LLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLSLHNLRLSRWQPPADMRRL 72
DB 11 LPLFLLLLVATT-----GPFV-GALTDDEKRLMVELHNLRYRAQVSPASDMLHM 57
QY 73 DWSDSLQAQAARAAALCGITPTFSLASGLVRLTQGVNMMOLLPAGLASFV-----EV 123
DB 58 RWDEELAAFAKAYARQC-----VH-----GHNKRGGRGENLFAITDEGMDVFLA 102
QY 124 VSLWFAEGORYSHAAGECARNATCTHYTQVWATSSQGCGRHLC-----SAGQTAIFA 179
DB 103 MEEWHHERHYNLSAATCSFGQCMGHYTQVWAKTERIGCGSHFCEKLGQVBEETNIELLV 162
QY 180 CAYSPGQNVGVKTTIIPYKKNWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
DB 163 CNYEPPGN--VKGR--PYQEGTPCSQCPs-----GHCKNSLCEPIGSP 203

RESULT 4
US-09-902-775A-285
; Sequence 285, Application US/09902775A
; Patent No. 6686451
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```

; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902/775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 285
; LENGTH: 463
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-902-775A-285

Query Match
10.8%; Score 272; DB 4; Length 463;
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Best Local Similarity 31.9%; Pred. No. 3.7e-16;
Matches 74; Conservative 28; Mismatches 78; Indels 52; Gaps 9;

QY 13 LLAVLLALGTTWAEVWPPLQEQAPMAGALNRKESFLLSLHNRSLRSWVQPPAADMRLL 72
DB 11 LLPLLLLVATT-----GPNV-GALTDDEKRLMVELHNLVYRAQVSTASDMLHM 57

QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
DB 58 RWDEELAAFAKAYARQC-----VW-----GHNKERGRGRENLFATIDEGMDVPLA 102

QY 124 VSLWFAEGORYSHAGECARNATCTHYTOLVWATSSQLCGRHLG-----SAGQTAIEAFV 179
DB 103 MEWHHERHYNLNLSAATSPGOMCGHYTVVWAKTERIGCGSHFCEKLGQVETNIELLV 162

QY 180 CAYSPGQNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
DB 163 CNYEPPGN--VKGR--PYOEGTPCSQCPs-----GVHCKNSLCEPIGSP 203

RESULT 5
US-08-773-368-1
; Sequence 1, Application US/08773368
; Patent No. 5856130
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/773,368
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy RJ
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0186 US
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 270 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 1599164
US-08-773-368-1

Query Match 10.6%; Score 267; DB 2; Length 270;
Best Local Similarity 31.5%; Pred. No. 5.1e-16;
Matches 73; Conservative 28; Mismatches 79; Indels 52; Gaps 8;

QY 13 LLAVLLALGTTWAEVWPPLQEQAPMAGALNRKESFLLSLHNRSLRSWVQPPAADMRLL 72
DB 11 LLPLLLLVATT-----GPNV-GALTDDEKRLMVELHNLVYRAQVSTASDMLHM 57

QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
DB 58 RWDEELAAFAKAYARQC-----VW-----GHNKERGRGRENLFATIDEGMDVPLA 102

DB 11 LLPLLLLVATT-----GPNV-GALTDDEKRLMVELHNLVYRAQVSTASDMLHM 57

QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
DB 58 RWDEELAAFAKAYARQC-----RQXRXGHNKERGRGRENLFATIDEGMDVPLA 102

QY 124 VSLWFAEGORYSHAGECARNATCTHYTOLVWATSSQLCGRHLG-----SAGQTAIEAFV 179
DB 103 MEWHHERHYNLNLSAATSPGOMCGHYTVVWAKTERIGCGSHFCEKLGQVETNIELLV 162

QY 180 CAYSPGQNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNP 231
DB 163 CNYEPPGN--VKGR--PYOEGTPCSQCPs-----GVHCKNSLCEPIGSP 203

RESULT 6
US-09-199-887-1
; Sequence 1, Application US/09199887
; Patent No. 6071874
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/199,887
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/773,368
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy RJ
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0186 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 270 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 1599164
US-09-199-887-1

Query Match 10.6%; Score 267; DB 3; Length 270;
Best Local Similarity 31.5%; Pred. No. 5.1e-16;
Matches 73; Conservative 28; Mismatches 79; Indels 52; Gaps 8;

QY 13 LLAVLLALGTTWAEVWPPLQEQAPMAGALNRKESFLLSLHNRSLRSWVQPPAADMRLL 72
DB 11 LLPLLLLVATT-----GPNV-GALTDDEKRLMVELHNLVYRAQVSTASDMLHM 57

QY 73 DWSDSLQAQAALCGIPTPSLASGLWRTLVQGNMQLLPAGLASFV-----EV 123
DB 58 RWDEELAAFAKAYARQC-----RQXRXGHNKERGRGRENLFATIDEGMDVPLA 102


```
/ APPLICANT: Goli, Surya K.
/ TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
/ TITLE OF INVENTION: PROTEIN
/ NUMBER OF SEQUENCES: 6
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Incyte Pharmaceuticals, Inc.
/ STREET: 3174 Porter Drive
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/773,368
/ FILING DATE:
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Billings, Lucy RJ
/ REGISTRATION NUMBER: 36,749
/ REFERENCE/DOCKET NUMBER: PF-0186 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-855-0555
/ TELEFAX: 415-845-4166
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 266 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GenBank
/ CLONE: 1030053
/ US-08-773-368-4

Query Match 9.1%; Score 231; DB 2; Length 266;
Best Local Similarity 32.4%; Pred. No. 8.4e-13;
Matches 58; Conservative 27; Mismatches 62; Indels 32; Gaps 7;

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QY 94 PSLASGLWRTLQVGNMQLLPAGLASFVEVWSLWFAEGQRYSHAAGECARNATCTHYTQL 153
Db 91 PNFTS-----LGENIWGTVPIFSVSAITNWDEIQDFKTRICK--VCGHTIQV 141
QY 154 VWATSQLCGRHLCs--AGQTAIE---AFVCAYSPGGNWEVNGKTIIPYKKGAWCSLC 207
Db 142 VWADSVKVCAYQFCFKVSGFDALNGAHFICNYGPGGNYPT-----WPKYKRGATCSAC 195

RESULT 10
US-09-199-887-4
/ Sequence 4, Application US/09199887
/ Patent No. 6071874
/ GENERAL INFORMATION:
/ APPLICANT: Bandman, Olga
/ APPLICANT: Goli, Surya K.
/ TITLE OF INVENTION: NOVEL HUMAN PATHOGENESIS-RELATED
/ TITLE OF INVENTION: PROTEIN
/ NUMBER OF SEQUENCES: 6
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Incyte Pharmaceuticals, Inc.
/ STREET: 3174 Porter Drive
/ CITY: Palo Alto
```

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/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/199,887
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/773,368
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Billings, Lucy RJ
/ REGISTRATION NUMBER: 36,749
/ REFERENCE/DOCKET NUMBER: PF-0186 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-855-0555
/ TELEFAX: 415-845-4166
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 266 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GenBank
/ CLONE: 1030053
/ US-09-199-887-4

Query Match 9.1%; Score 231; DB 3; Length 266;
Best Local Similarity 32.4%; Pred. No. 8.4e-13;
Matches 58; Conservative 27; Mismatches 62; Indels 32; Gaps 7;

QY 47 ESFL--LLSLHRLRSWQPPADMRDLWDSLSLAQLACARAALCGIP-----T 93
Db 31 EDFIKDCVRIHKNFRSEVKPTASDMLYMTDPALAQIAKAWASNCQFSHNTRLPKPKHLH 90
QY 94 PSLASGLWRTLQVGNMQLLPAGLASFVEVWSLWFAEGQRYSHAAGECARNATCTHYTQL 153
Db 91 PNFTS-----LGENIWGTVPIFSVSAITNWDEIQDFKTRICK--VCGHTIQV 141
QY 154 VWATSQLCGRHLCs--AGQTAIE---AFVCAYSPGGNWEVNGKTIIPYKKGAWCSLC 207
Db 142 VWADSVKVCAYQFCFKVSGFDALNGAHFICNYGPGGNYPT-----WPKYKRGATCSAC 195

RESULT 11
US-08-340-428B-49
/ Sequence 49, Application US/08340428B
/ Patent No. 5648465
/ GENERAL INFORMATION:
/ APPLICANT: MARGOLIS, Richard U.
/ APPLICANT: RAUCH, Uwe
/ APPLICANT: MARGOLIS, Renee K.
/ TITLE OF INVENTION: CLONING, EXPRESSION AND USES FOR A
/ TITLE OF INVENTION: NEUROCAN AS A CHONDROITIN SULFATE PROTEOGLYCAN
/ NUMBER OF SEQUENCES: 49
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Broadway and Neimark
/ STREET: 419 Seventh Street, N.W.
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: U.S.A.
/ ZIP: 20004
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
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OM protein - protein search, using sw model

Run on: September 9, 2004, 09:13:53 ; Search time 128 seconds
(without alignments)
1139,951 Million cell updates/sec

Title: US-09-944-896-50

Perfect score: 2529
Sequence: 1 MLHPETSPGRGHLAVLLAL.....RNRVYICQFAQEHISRWGPGS 455

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1335176 seqs, 320689517 residues

Total number of hits satisfying chosen parameters: 1335176

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:
1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
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11: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
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18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	2529	100.0	455	9	US-09-944-449-50
3	2529	100.0	455	9	US-09-944-457-50
4	2529	100.0	455	9	US-09-944-862-50
5	2529	100.0	455	9	US-09-945-587-50
6	2529	100.0	455	9	US-09-945-015-50
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10	2529	100.0	455	9	US-09-943-762-50
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16	2529	100.0	455	9	US-09-944-944-50	Sequence 50, Appl
17	2529	100.0	455	9	US-09-944-929-50	Sequence 50, Appl
18	2529	100.0	455	9	US-09-944-907-50	Sequence 50, Appl
19	2529	100.0	455	10	US-09-944-884-50	Sequence 50, Appl
20	2529	100.0	455	10	US-09-944-852-50	Sequence 50, Appl
21	2529	100.0	455	11	US-09-943-780-50	Sequence 50, Appl
22	2529	100.0	455	11	US-09-945-584-50	Sequence 50, Appl
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24	2529	100.0	455	12	US-10-677-669-50	Sequence 50, Appl
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26	2529	100.0	455	15	US-10-429-667-50	Sequence 50, Appl
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28	2447.5	96.8	446	9	US-09-790-264-2	Sequence 2, Appl
29	2447.5	96.8	446	12	US-10-169-395-5	Sequence 5, Appl
30	2447.5	96.8	446	13	US-10-042-141-47	Sequence 47, Appl
31	2447.5	96.8	446	14	US-10-269-353-2	Sequence 2, Appl
32	2315.5	91.6	420	9	US-09-790-264-4	Sequence 4, Appl
33	2315.5	91.6	420	14	US-10-269-353-4	Sequence 4, Appl
34	2241	88.6	415	16	US-10-309-290-84	Sequence 84, Appl
35	280	11.1	463	14	US-10-387-495-4	Sequence 4, Appl
36	280	11.1	463	15	US-10-429-668-9	Sequence 9, Appl
37	280	11.1	550	15	US-10-429-668-8	Sequence 8, Appl
38	280	11.1	625	15	US-10-429-668-7	Sequence 7, Appl
39	273	10.8	506	15	US-10-429-668-2	Sequence 2, Appl
40	273	10.8	593	15	US-10-429-668-3	Sequence 3, Appl
41	272	10.8	463	9	US-09-909-320-285	Sequence 285, App
42	272	10.8	463	9	US-09-909-088B-285	Sequence 285, App
43	272	10.8	463	9	US-09-905-291A-285	Sequence 285, App
44	272	10.8	463	9	US-09-902-853-285	Sequence 285, App
45	272	10.8	463	9	US-09-907-824-285	Sequence 285, App

ALIGNMENTS

RESULT 1

US-09-866-028-50
; Sequence 50, Application US/09866028
; Patent No. US20020058309A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; FILE REFERENCE: P3548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028
; CURRENT FILING DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-866-028-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 181 AYSPGNWEVNGKTIPIYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNCRSCQNHG 240
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 QY 301 TCDLRIDGCFMVSSADTYTPARMKQKGGVLAQIKSQKVQDILAFYLGRLTNEVT 360
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 QY 361 DSDFETRNWIGLTYKTAKDSFRWATGEHQAFSTFAFGOPDNHGLVLSAAMFGNCVEL 420
 Db 361 DSDFETRNWIGLTYKTAKDSFRWATGEHQAFSTFAFGOPDNHGLVLSAAMFGNCVEL 420
 QY 421 QASAAFNWMDQCKTNRNYICQFAEHISRNGPGS 455
 Db 421 QASAAFNWMDQCKTNRNYICQFAEHISRNGPGS 455

RESULT 2

US-09-944-449-50
 ; Sequence 50, Application US/09944449
 ; Patent No. US20020102647A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerriksen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth
 ; APPLICANT: Kljavin, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Roy, Margaret
 ; APPLICANT: Tomas, Daniel
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P2548P1C1
 ; CURRENT APPLICATION NUMBER: US/09/944,449
 ; CURRENT FILING DATE: 2001-09-26
 ; PRIOR APPLICATION NUMBER: 09/866,028
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067,411
 ; PRIOR FILING DATE: December 3, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,334
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,335
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,278
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,425
 ; PRIOR FILING DATE: December 12, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,696
 ; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,702
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,870
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,873
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/068,017
 ; PRIOR FILING DATE: December 18, 1997
 ; PRIOR APPLICATION NUMBER: 60/070,440
 ; PRIOR FILING DATE: January 5, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,086
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,092
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/075,945
 ; PRIOR FILING DATE: February 25, 1998
 ; PRIOR APPLICATION NUMBER: 60/112,850
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 60/113,296
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 60/146,222
 ; PRIOR FILING DATE: July 28, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: September 16, 1998
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: December 1, 1998
 ; PRIOR APPLICATION NUMBER: 09/216,021
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 09/218,517
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 09/254,311
 ; PRIOR FILING DATE: March 3, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: June 22, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: September 15, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409
 ; PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: No. US20020102647A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301
 ; PRIOR FILING DATE: December 1, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565
 ; PRIOR FILING DATE: February 11, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: February 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841
 ; PRIOR FILING DATE: March 2, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: March 30, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042
 ; PRIOR FILING DATE: May 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710
 ; PRIOR FILING DATE: July 28, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678
 ; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 50
 ; LENGTH: 455
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-09-944-449-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
 Best Local Similarity 100.0%; Pred. No. 1e-208;
 Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MLHPETSPGRGHLAVLLALLGTTTWAENVPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
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Db 61 WVOPPADNRRLDWSLSLAQAARALCGIPTPSLASGLWRTLQVGNWQLLPAGLASF 120
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Db 121 VEVUSLWFAEGQSYSHAAGECARNATCTHYTLVWATSSQLCGRHLCSAGOTAEAFVC 180
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QY 361 DSDFTFRNWIGLTYTAKDSFRWATGEHQAFSTFAFGQPDNHLVLSAAMFGNVCVEL 420
Db 361 DSDFTFRNWIGLTYTAKDSFRWATGEHQAFSTFAFGQPDNHLVLSAAMFGNVCVEL 420
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Db 421 QASAAFNWDDORCKTNRRVTCQPAQEHISRWGPGS 455

RESULT 3

US-09-944-457-50
; Sequence 50, Application US/09944457
; Patent No. US20020110859A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,457
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020110859A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020110859A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-457-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MJHPETSPGRGHLAVLLALGTTWAENVWPPOLQEQAPMAGALNRKESFLLLSLHNRILRS 60
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DB 61 WYQPPAADMRRLDWSLSLAQLAARAALCGIPTPSLASGLWRTQVGNWMLLPAGLASF 120
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DB 121 VEVSLWFAEGORYSHAAGECARNATCTHYTQLVWATSSQLGCGRHLCASGCTAIEAFVC 180
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QY 301 TCDLRIDGCFWVSSEADTYTARKKQKGGVLAQIKSQKQVQDILAFYLGRLTTEVNT 360
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RESULT 4
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; Patent No. US20020115145A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,862
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR FILING DATE: December 11, 1997
; PRIOR FILING DATE: December 11, 1997
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; PRIOR FILING DATE: December 12, 1997
; PRIOR FILING DATE: December 16, 1997

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; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 15, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020115145A1 September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020115145A1 September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-862-50

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Query Match 100.0%; Score 2529; DB 9; Length 455;
 Best Local Similarity 100.0%; Pred No. 1e-208;
 Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MLHPETSPGRGHLAVLLALLGTTTWAQVPPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
QY 61 WVOPPAADMRRLDWSLSLAQLAARALCGIPTPSLASGLWRTLQVGMNQLLPAGLASF 120
Db 61 WVOPPAADMRRLDWSLSLAQLAARALCGIPTPSLASGLWRTLQVGMNQLLPAGLASF 120
QY 121 VEVVSLWFABGQRYSHAAGACARNATCTHYTLVWATSSQLGCGRHLCSAGOTATBAFVC 180
Db 121 VEVVSLWFABGQRYSHAAGACARNATCTHYTLVWATSSQLGCGRHLCSAGOTATBAFVC 180
QY 181 AYSFGNGWEVNGKTIIPYKKGAWCSICTASVSGCFKAWDHAGLCEVPNPRCRMSCQNHG 240
Db 181 AYSFGNGWEVNGKTIIPYKKGAWCSICTASVSGCFKAWDHAGLCEVPNPRCRMSCQNHG 240
QY 241 RLNISTCHCHCPGYGRYCVORCSLQCVHGRFREECSCVCDIGYGGACQATKVHFFPH 300
Db 241 RLNISTCHCHCPGYGRYCVORCSLQCVHGRFREECSCVCDIGYGGACQATKVHFFPH 300
QY 301 TCDLRIDGCFMVSSPADTYRARMKCORGGVLAQIKSQKQVDILAFYLGRLTTEVNT 360
Db 301 TCDLRIDGCFMVSSPADTYRARMKCORGGVLAQIKSQKQVDILAFYLGRLTTEVNT 360
QY 361 DSDPETRNFWIGLYTKATSDSRWATGEHQAFISPAFGPDNHGLVWLSAAMFGNCVEL 420
Db 361 DSDPETRNFWIGLYTKATSDSRWATGEHQAFISPAFGPDNHGLVWLSAAMFGNCVEL 420
QY 421 QASAAFNWMDQRCXNRVYICQFAOEHISRWGPGS 455
Db 421 QASAAFNWMDQRCXNRVYICQFAOEHISRWGPGS 455

RESULT 5

US-09-945-587-50
; Sequence 50, Application US/09945587
; Patent No. US20020127643A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tomas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/945,587
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: NO. US20020127643A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: NO. US20020127643A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-945-587-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPQLQEQAPMAGALNRKESFLLLSLHNRLRS 60
 Db 1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPQLQEQAPMAGALNRKESFLLLSLHNRLRS 60
 QY 61 WTQPPAADMRLDWSLSLAQIAQAAPALCGITPTSLASGLARTLQVGNMQLLPAGLASF 120
 Db 61 WTQPPAADMRLDWSLSLAQIAQAAPALCGITPTSLASGLARTLQVGNMQLLPAGLASF 120
 QY 121 VEVWSLWFAEGORYSHAAAGECARNATCTHYTQLVWATSSQLGCGRHLCASQQTAEAFVC 180
 Db 121 VEVWSLWFAEGORYSHAAAGECARNATCTHYTQLVWATSSQLGCGRHLCASQQTAEAFVC 180
 QY 181 AYSPOGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNCRVSCQNHG 240
 Db 181 AYSPOGNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNCRVSCQNHG 240
 QY 241 RLNIISTCHCHCPGGTGRYCVQRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHPFFH 300
 Db 241 RLNIISTCHCHCPGGTGRYCVQRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHPFFH 300
 QY 301 TCDLRIDGCFMVSSEADTYRARMKCRKQKGVLAQIKSKQVQDILAFYLGRLTTEVNT 360
 Db 301 TCDLRIDGCFMVSSEADTYRARMKCRKQKGVLAQIKSKQVQDILAFYLGRLTTEVNT 360
 QY 361 DSDFETRFWIGLTYKTAKOSFRWATGEHOAFTSFAGQPDNHHGLVLSAAMGFNGCVEL 420
 Db 361 DSDFETRFWIGLTYKTAKOSFRWATGEHOAFTSFAGQPDNHHGLVLSAAMGFNGCVEL 420
 QY 421 QASAAFNWMDQCKTRNRNYICQFAQEHISRWPGS 455
 Db 421 QASAAFNWMDQCKTRNRNYICQFAQEHISRWPGS 455

RESULT 6
 US-09-945-015-50
 ; Sequence 50, Application US/09945015
 ; Patent No. US20020132768A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth
 ; APPLICANT: Kljavin, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Roy, Margaret
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P2548P1C1
 ; CURRENT APPLICATION NUMBER: US/09/945,015
 ; CURRENT FILING DATE: 2001-09-26
 ; PRIOR APPLICATION NUMBER: 09/866,028
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067,411
 ; PRIOR FILING DATE: December 3, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,334
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,335
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,278
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,425
 ; PRIOR FILING DATE: December 12, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,696
 ; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,702
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,870
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,873
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/068,017
 ; PRIOR FILING DATE: December 18, 1997
 ; PRIOR APPLICATION NUMBER: 60/070,440
 ; PRIOR FILING DATE: January 5, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,086
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,092
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/075,945
 ; PRIOR FILING DATE: February 25, 1998
 ; PRIOR APPLICATION NUMBER: 60/112,850
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 60/113,296
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 60/146,222
 ; PRIOR FILING DATE: July 28, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: September 16, 1998
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: December 1, 1998
 ; PRIOR APPLICATION NUMBER: 09/216,021
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 09/218,517
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 09/254,311
 ; PRIOR FILING DATE: March 3, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: June 22, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: September 15, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409
 ; PRIOR FILING DATE: No. US20020132768A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: No. US20020132768A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301
 ; PRIOR FILING DATE: December 1, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565
 ; PRIOR FILING DATE: February 11, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: February 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841
 ; PRIOR FILING DATE: March 2, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: March 30, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042
 ; PRIOR FILING DATE: May 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710
 ; PRIOR FILING DATE: July 28, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678
 ; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 50
 ; LENGTH: 455
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-09-945-015-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
 Best Local Similarity 100.0%; Pred. No. 1e-208;
 Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTTAAEVNPPQLOEQAPMAGALNRKESFLLLSLHNLRS 60
DB 1 MLHPETSPGRGHLAVLLALLGTTTAAEVNPPQLOEQAPMAGALNRKESFLLLSLHNLRS 60
QY 61 WVOPPADNRRLDWSLSLAQLAQAAALCGIPTPSLASGLWRTLOVGNWQLLPAGLASF 120
DB 61 WVOPPADNRRLDWSLSLAQLAQAAALCGIPTPSLASGLWRTLOVGNWQLLPAGLASF 120
QY 121 VEVUSLWEAAGQRYSHAAGSCARNATCTHYTLVWATSSQLCGRHLCSAGQTAEAFVC 180
DB 121 VEVUSLWEAAGQRYSHAAGSCARNATCTHYTLVWATSSQLCGRHLCSAGQTAEAFVC 180
QY 181 AVSPGNGWNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPPNCRMSCQNHG 240
DB 181 AVSPGNGWNEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPPNCRMSCQNHG 240
QY 241 RLNISTCHCHCPGYTRGVRCVRCSLQCVHGRPREBECSCVCDIGYGGAAQCATKVFPPH 300
DB 241 RLNISTCHCHCPGYTRGVRCVRCSLQCVHGRPREBECSCVCDIGYGGAAQCATKVFPPH 300
QY 301 TCDLRIDGCFMVSSSEADTYIRARMKCRKGGVLAQIKSQKQVDILAFYLGRLTNNVT 360
DB 301 TCDLRIDGCFMVSSSEADTYIRARMKCRKGGVLAQIKSQKQVDILAFYLGRLTNNVT 360
QY 361 DSDFTFNRFWIGLTYTKADSRFWATGEHQATTSFAFGQPDNHLVWLSAAMFGNCVEL 420
DB 361 DSDFTFNRFWIGLTYTKADSRFWATGEHQATTSFAFGQPDNHLVWLSAAMFGNCVEL 420
QY 421 QASAAFNWDDQCKTNRVTCOPAEHISRWGPGS 455
DB 421 QASAAFNWDDQCKTNRVTCOPAEHISRWGPGS 455

RESULT 7

US-09-944-396-50
; Sequence 50, Application US/09944396
; Patent No. US20020132981A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: 22548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,396
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,082
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020132981A1, September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020132981A1, September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-09-944-396-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-206;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPPOLQEQAPMAGALNRKESFLLLSLHNRIRS 60
DB 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPPOLQEQAPMAGALNRKESFLLLSLHNRIRS 60
QY 61 WYQPPAADMRDLWDSLSLAQLAQAALCGIPTPSLASGLARTIQVGNWMLLPAGLASF 120
DB 61 WYQPPAADMRDLWDSLSLAQLAQAALCGIPTPSLASGLARTIQVGNWMLLPAGLASF 120
QY 121 VEVSLWFAEGQRYSHAAGECARNATCTHYTQVWATSLQCGRHLCSCAGTIAEPVC 180
DB 121 VEVSLWFAEGQRYSHAAGECARNATCTHYTQVWATSLQCGRHLCSCAGTIAEPVC 180
QY 181 AYSPOGNEVNGKTIIPYKKGAWCSLCTASVSGCPCFANDHAGGLCEVPRNCRMSCQNHG 240
DB 181 AYSPOGNEVNGKTIIPYKKGAWCSLCTASVSGCPCFANDHAGGLCEVPRNCRMSCQNHG 240
QY 241 RLNIATCHCHCPFGYTGRTYGRVCSLQVHGRFREECSCVCDIGYGGAQCATKVHFPFH 300
DB 241 RLNIATCHCHCPFGYTGRTYGRVCSLQVHGRFREECSCVCDIGYGGAQCATKVHFPFH 300
QY 301 TCDLRIDGCFWVSBEADTYTARVKCORKGVLQAIKSKQVQDILAFYLGRLTTEVNT 360
DB 301 TCDLRIDGCFWVSBEADTYTARVKCORKGVLQAIKSKQVQDILAFYLGRLTTEVNT 360
QY 361 DSDFTFRNFWGLTYKTAKDSRWATGSHQAFSTAFQOPDNHGLVLSAAMGFCNCVEL 420
DB 361 DSDFTFRNFWGLTYKTAKDSRWATGSHQAFSTAFQOPDNHGLVLSAAMGFCNCVEL 420
QY 421 QASAFNWNDRCKTRNRYICQFAQEHISRWPGS 455
DB 421 QASAFNWNDRCKTRNRYICQFAQEHISRWPGS 455

RESULT 8

US-09-944-097-50
; Sequence 50, Application US/09944097
; Patent No. US20020133675A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tomas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT FILING DATE: 2001-08-31
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020133675A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020133675A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-097-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALLGTTWAEVWPPOLQEQAPMAGALNRKESFLLLSLHNRIRS 60

Db 1 MLHPETSPGRGHLAVLLALIGTTWAEVWPQIQOAPMAGALNRKESFLLLSLHNRLS 60
Qy 61 WVPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLQVGNWMLLPAGLASF 120
Db 61 WVPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLQVGNWMLLPAGLASF 120
Qy 121 VEVVSLWFAGQSYSHAAGSCARNATCTHTYTLVWATSSQLGGRHLCRAGQTAIEAFC 180
Db 121 VEVVSLWFAGQSYSHAAGSCARNATCTHTYTLVWATSSQLGGRHLCRAGQTAIEAFC 180
Qy 181 AYSFGNWEVNGKTIIPYKKGAMCSLCTASVSCFKAWDHAGGLCEVPVPRNCRMSQNHG 240
Db 181 AYSFGNWEVNGKTIIPYKKGAMCSLCTASVSCFKAWDHAGGLCEVPVPRNCRMSQNHG 240
Qy 241 RLNIStCHCPCPGYGRYQVRCSCLOCHVGRFREECSCVCDIGGGACCAKVFHPPH 300
Db 241 RLNIStCHCPCPGYGRYQVRCSCLOCHVGRFREECSCVCDIGGGACCAKVFHPPH 300
Qy 301 TCDLRIDGCFMYSSEADTYRARMKCORGGVLAQIKSKOVODILAFYLGRLTNEVT 360
Db 301 TCDLRIDGCFMYSSEADTYRARMKCORGGVLAQIKSKOVODILAFYLGRLTNEVT 360
Qy 361 DSDPFRNFWIGLYTKTAKDSFWATGEHQAFSTFAFGQPDNHGLVLSAAMGFNCVEL 420
Db 361 DSDPFRNFWIGLYTKTAKDSFWATGEHQAFSTFAFGQPDNHGLVLSAAMGFNCVEL 420
Qy 421 QASAAFNWDRCKTRNRYICQFAQEHISRWGPGS 455
Db 421 QASAAFNWDRCKTRNRYICQFAQEHISRWGPGS 455

RESULT 9
US-09-944-432-50
; Sequence 50, Application US/09944432
; Patent No. US20020142419A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Garritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,432
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/067,411
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020142419A1, September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020142419A1, September 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-432-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLHPETSPGRGHLAVLLALIGTTWAEVWPQIQOAPMAGALNRKESFLLLSLHNRLS 60
|||||

Db 1 MLHPETSPGRGHLAVLLALLGTTTVAEVWPPQLOEQAPMAGALNRKESFLLILLSHNRLRS 60
QY 61 WVOPPAADNRDLWDSLSLAQLAQAAALCGIPTPSIASGLWRTLOVGMNQILLPAGLASF 120
Db 61 WVOPPAADNRDLWDSLSLAQLAQAAALCGIPTPSIASGLWRTLOVGMNQILLPAGLASF 120
QY 121 VEVVSWFAGQRYSHAAECARNATCTHYTQLVWATSSQLGCGRHLCAGQTAIEAFVC 180
Db 121 VEVVSWFAGQRYSHAAECARNATCTHYTQLVWATSSQLGCGRHLCAGQTAIEAFVC 180
QY 181 AVSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPNRCMSCQNHG 240
Db 181 AVSPGGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPNRCMSCQNHG 240
QY 241 RLNMISTCHCHCPGTYGRVCOVRCSLQCVHGRFREBECSVCVDIGYGGAGQCATKVFPH 300
Db 241 RLNMISTCHCHCPGTYGRVCOVRCSLQCVHGRFREBECSVCVDIGYGGAGQCATKVFPH 300
QY 301 TCDLRIDGCFWVSSSEADTYIYARMKCORQKGGVLAQIKSQKQVQDILAFYLGRLTNEVT 360
Db 301 TCDLRIDGCFWVSSSEADTYIYARMKCORQKGGVLAQIKSQKQVQDILAFYLGRLTNEVT 360
QY 361 DSDPFRNFWIGLTYKTAKDSRWATGEHQAFTSFAFGQPDNHLVLSAAMFGNCVEL 420
Db 361 DSDPFRNFWIGLTYKTAKDSRWATGEHQAFTSFAFGQPDNHLVLSAAMFGNCVEL 420
QY 421 QASAAFNWQDQCKTRNRVTCQFAQEHISRWGPGS 455
Db 421 QASAAFNWQDQCKTRNRVTCQFAQEHISRWGPGS 455

RESULT 11
US-09-944-654-50
Sequence 50, Application US/09944654
Patent No. US20020142959A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul
APPLICANT: Grimaldi, Christopher
APPLICANT: Gurney, Austin
APPLICANT: Hillan, Kenneth
APPLICANT: Kljavin, Ivar
APPLICANT: Napier, Mary
APPLICANT: Roy, Margaret
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,654
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,335
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,278
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069,425
PRIOR FILING DATE: December 12, 1997
PRIOR APPLICATION NUMBER: 60/069,696
PRIOR FILING DATE: December 16, 1997
PRIOR APPLICATION NUMBER: 60/069,694
PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020142959A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020142959A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-654-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MLHPETSPGRGHLAVLLALLGTTTVAEVWPPQLOEQAPMAGALNRKESFLLILLSHNRLRS 60

Db 1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPPQLOQOAPMAGALNKRKESFLLLSLHRLRS 60
 QY 61 WVOPPAADMRRLDWSLSLAQAARALCGIPTPSLAGLWRTLVQGNMQLLPAGLASF 120
 Db 61 WVOPPAADMRRLDWSLSLAQAARALCGIPTPSLAGLWRTLVQGNMQLLPAGLASF 120
 QY 121 VEVVSLWFAEGORYSHAAGSCARNATCTHYTOLWATSSQLCGGSHLCSAGGTAIEAFC 180
 Db 121 VEVVSLWFAEGORYSHAAGSCARNATCTHYTOLWATSSQLCGGSHLCSAGGTAIEAFC 180
 QY 181 AYSPPGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNFCRMSQNHG 240
 Db 181 AYSPPGNWEVNGKTIIPYKKGAWCSLCTASVSGCFKAWDHAGGLCEVPRNFCRMSQNHG 240
 QY 241 RLNISTCHCHCPGYTGRYCVQRCSLQCVHGRFREBECSVCVDIGYGAQCATKVHFFPH 300
 Db 241 RLNISTCHCHCPGYTGRYCVQRCSLQCVHGRFREBECSVCVDIGYGAQCATKVHFFPH 300
 QY 301 TCDLRIDGCFWSSADTYIYARMKQKRGVLAQIKSKQVQDILAFVLGRLETTNEVT 360
 Db 301 TCDLRIDGCFWSSADTYIYARMKQKRGVLAQIKSKQVQDILAFVLGRLETTNEVT 360
 QY 361 DSDFETRNFWGLTYKTAKDSFRWATGEHQAFSTAFQOPDNHGLVWLSAAMFGNCVEL 420
 Db 361 DSDFETRNFWGLTYKTAKDSFRWATGEHQAFSTAFQOPDNHGLVWLSAAMFGNCVEL 420
 QY 421 QASAAFNWDRCKTRNYICOPAEHISRWPGS 455
 Db 421 QASAAFNWDRCKTRNYICOPAEHISRWPGS 455

RESULT 12

US-09-943-851A-50
 ; Sequence 50, Application US/09943851A
 ; Patent No. US20020150976A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Perrara, Napoleone
 ; APPLICANT: Pilvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth
 ; APPLICANT: Kljavin, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Roy, Margaret
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P2548P1C1
 ; CURRENT APPLICATION NUMBER: US/09/943, 851A
 ; CURRENT FILING DATE: 2001-08-30
 ; PRIOR APPLICATION NUMBER: US/09/866, 028
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067, 411
 ; PRIOR FILING DATE: December 3, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 334
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 335
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 425
 ; PRIOR FILING DATE: December 12, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 696
 ; PRIOR FILING DATE: December 15, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 694
 ; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069, 702
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 870
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/069, 873
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/068, 017
 ; PRIOR FILING DATE: December 18, 1997
 ; PRIOR APPLICATION NUMBER: 60/070, 440
 ; PRIOR FILING DATE: January 5, 1998
 ; PRIOR APPLICATION NUMBER: 60/074, 086
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/074, 092
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/075, 945
 ; PRIOR FILING DATE: February 25, 1998
 ; PRIOR APPLICATION NUMBER: 60/112, 850
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 60/113, 296
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 60/146, 222
 ; PRIOR FILING DATE: July 28, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: September 16, 1998
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: December 1, 1998
 ; PRIOR APPLICATION NUMBER: 09/216, 021
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 09/218, 517
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 09/254, 311
 ; PRIOR FILING DATE: March 3, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: June 22, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: September 15, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409
 ; PRIOR FILING DATE: No. US20020150976A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: No. US20020150976A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301
 ; PRIOR FILING DATE: December 1, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565
 ; PRIOR FILING DATE: February 11, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: February 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841
 ; PRIOR FILING DATE: March 2, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: March 30, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042
 ; PRIOR FILING DATE: May 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710
 ; PRIOR FILING DATE: July 28, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678
 ; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 50
 ; LENGTH: 455
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-09-943-851A-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
 Best Local Similarity 100.0%; Pred. No. 1e-208;
 Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

1 MLHPETSPGRGHLLAVLLALLGTTWAEVWPPQLOQOAPMAGALNKRKESFLLLSLHRLRS 60

Db 1 MLHPETSPGRGHLAVLLALGTTWAEVWPPQLCEQAPYAGALNRKESFILLISLHNRLS 60
QY 61 WVQPPADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLQVGMNQLLPAGLASF 120
Db 61 WVQPPADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLQVGMNQLLPAGLASF 120
QY 121 VEVVSLWFABGQRYSHAAGCASNACTHTVQLVWATSSQLGGRHLCSAGQTAIEAFVC 180
Db 121 VEVVSLWFABGQRYSHAAGCASNACTHTVQLVWATSSQLGGRHLCSAGQTAIEAFVC 180
QY 181 AYSPPGNWEVNGKTIIPYKKGWCSLCTASVSCFKAWDHAGGLCEVPNPRCRMSQNHG 240
Db 181 AYSPPGNWEVNGKTIIPYKKGWCSLCTASVSCFKAWDHAGGLCEVPNPRCRMSQNHG 240
QY 241 RLNISCHCHCPGTYGRYCVRCSCQCVHGRREBECSVCVDIGYGGACQATKVHFFPH 300
Db 241 RLNISCHCHCPGTYGRYCVRCSCQCVHGRREBECSVCVDIGYGGACQATKVHFFPH 300
QY 301 TCDLRIDGDCFMVSSSEADTYIRARMKQKRGVLAQIKSQKQVODILAFYLGRLTNEVT 360
Db 301 TCDLRIDGDCFMVSSSEADTYIRARMKQKRGVLAQIKSQKQVODILAFYLGRLTNEVT 360
QY 361 DSDPFRNFVIGLTYKTAKDSFWATGEHQAFSTFAFGQPDNHNGLVWLSAAMGFGNCVEL 420
Db 361 DSDPFRNFVIGLTYKTAKDSFWATGEHQAFSTFAFGQPDNHNGLVWLSAAMGFGNCVEL 420
QY 421 QASAAFNWDQCKTRNRYICQPAQEHISRWGPQS 455
Db 421 QASAAFNWDQCKTRNRYICQPAQEHISRWGPQS 455

RESULT 13

US-09-944-413-50
; Sequence 50, Application US/09944413
; Patent No. US200201560041
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerriksen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavini, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tamas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,413
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR FILING DATE: December 3, 1997
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/234,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020156004Aember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020156004Aember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-413-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
Best Local Similarity 100.0%; Pred. No. 1e-208;
Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLHPETSPGRGHLAVLLALGTTWAEVWPPQLCEQAPYAGALNRKESFILLISLHNRLS 60
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Db 1 MLHPETSPGRGHLAVLLALLGTTTAAEVNPPQLQEQAPMAGALNRKXESFLLLSLHNRLS 60
 Qy 61 WVOPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLVQGNWQLLPAGLASF 120
 Db 61 WVOPPAADMRRLDWSLSLAQARAALCGIPTPSLASGLWRTLVQGNWQLLPAGLASF 120
 Qy 121 VEVVSLWFAEQRYSHAAAGCARNATCTHTVLTWATSSQLGCGRHLCAGOTAEAFVC 180
 Db 121 VEVVSLWFAEQRYSHAAAGCARNATCTHTVLTWATSSQLGCGRHLCAGOTAEAFVC 180
 Qy 181 AYSFGGNWVNGKTIIPYKKGWCSLCTASVSCGFKAHDHAGLCEVPRNCRMSQNHG 240
 Db 181 AYSFGGNWVNGKTIIPYKKGWCSLCTASVSCGFKAHDHAGLCEVPRNCRMSQNHG 240
 Qy 241 RLNSTCHCHCPGYTCRYCOVPCSLQCVHGRPREECSCVCDIGYGGAQCATKHFFPH 300
 Db 241 RLNSTCHCHCPGYTCRYCOVPCSLQCVHGRPREECSCVCDIGYGGAQCATKHFFPH 300
 Qy 301 TCDLRIDGCFMVSSEADTYRARMKCRKGGVLAQIKSKYQDILAFYGLRLETTNEVT 360
 Db 301 TCDLRIDGCFMVSSEADTYRARMKCRKGGVLAQIKSKYQDILAFYGLRLETTNEVT 360
 Qy 361 DSDPFRNFHWIGTYKTAKDSFWATGEHOAFTSPAFGQPDNHGLWLSAAMFGNCVEL 420
 Db 361 DSDPFRNFHWIGTYKTAKDSFWATGEHOAFTSPAFGQPDNHGLWLSAAMFGNCVEL 420
 Qy 421 QASAAFWNDORCKTRNRVICQFAQHISRWGPGS 455
 Db 421 QASAAFWNDORCKTRNRVICQFAQHISRWGPGS 455

RESULT 14

US-09-944-403-50
 ; Sequence 50, Application US/09944403
 ; Patent No. US20020165143A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin
 ; APPLICANT: Botstein, David
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerlitsen, Mary
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul
 ; APPLICANT: Grimaldi, Christopher
 ; APPLICANT: Gurney, Austin
 ; APPLICANT: Hillan, Kenneth
 ; APPLICANT: Kljavin, Ivar
 ; APPLICANT: Napier, Mary
 ; APPLICANT: Roy, Margaret
 ; APPLICANT: Tomas, Daniel
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P2548P1C1
 ; CURRENT APPLICATION NUMBER: US/09/944,403
 ; PRIOR FILING DATE: 2001-09-26
 ; PRIOR APPLICATION NUMBER: 09/866,028
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: 60/067,411
 ; PRIOR FILING DATE: December 3, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,334
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,335
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,278
 ; PRIOR FILING DATE: December 11, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,425
 ; PRIOR FILING DATE: December 12, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,696
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,694
 ; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,702
 ; PRIOR FILING DATE: December 16, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,870
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/069,873
 ; PRIOR FILING DATE: December 17, 1997
 ; PRIOR APPLICATION NUMBER: 60/068,017
 ; PRIOR FILING DATE: December 18, 1997
 ; PRIOR APPLICATION NUMBER: 60/070,440
 ; PRIOR FILING DATE: January 5, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,086
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/074,092
 ; PRIOR FILING DATE: February 9, 1998
 ; PRIOR APPLICATION NUMBER: 60/075,945
 ; PRIOR FILING DATE: February 25, 1998
 ; PRIOR APPLICATION NUMBER: 60/112,850
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 60/113,296
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 60/146,222
 ; PRIOR FILING DATE: July 28, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: September 16, 1998
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: December 1, 1998
 ; PRIOR APPLICATION NUMBER: 09/216,021
 ; PRIOR FILING DATE: December 16, 1998
 ; PRIOR APPLICATION NUMBER: 09/218,517
 ; PRIOR FILING DATE: December 22, 1998
 ; PRIOR APPLICATION NUMBER: 09/254,311
 ; PRIOR FILING DATE: March 3, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/12252
 ; PRIOR FILING DATE: June 22, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/21090
 ; PRIOR FILING DATE: September 15, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409
 ; PRIOR FILING DATE: No. US20020165143A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: No. US20020165143A1ember 30, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/28301
 ; PRIOR FILING DATE: December 1, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: December 16, 1999
 ; PRIOR APPLICATION NUMBER: PCT/US00/03565
 ; PRIOR FILING DATE: February 11, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414
 ; PRIOR FILING DATE: February 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/05841
 ; PRIOR FILING DATE: March 2, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439
 ; PRIOR FILING DATE: March 30, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/14042
 ; PRIOR FILING DATE: May 22, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/20710
 ; PRIOR FILING DATE: July 28, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US00/32678
 ; PRIOR FILING DATE: December 1, 2000
 ; PRIOR APPLICATION NUMBER: PCT/US01/06520
 ; PRIOR FILING DATE: February 28, 2001
 ; NUMBER OF SEQ ID NOS: 120
 ; SEQ ID NO 50
 ; LENGTH: 455
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-09-944-403-50

Query Match 100.0%; Score 2529; DB 9; Length 455;
 Best Local Similarity 100.0%; Pred. No. 1e-208;
 Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MHPETSPGRGHLLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNRLS 60
QY 61 WVQPPAADMRDLSDSLAQLAQAALCGIPTSLASGLWRTLOVGMNMLLPAGLASP 120
Db 61 WVQPPAADMRDLSDSLAQLAQAALCGIPTSLASGLWRTLOVGMNMLLPAGLASP 120
QY 121 VEVVSLMFAEQRYSHAAGECARNATHTYTLQVWATSSQLGCGRHLCSAGQTAIEAFVC 180
Db 121 VEVVSLMFAEQRYSHAAGECARNATHTYTLQVWATSSQLGCGRHLCSAGQTAIEAFVC 180
QY 181 AYSFGGWEVNGKTIIPYKGAWSLCTASVSGCFKAWDHAGGICEVPRNPCRMSQNHG 240
Db 181 AYSFGGWEVNGKTIIPYKGAWSLCTASVSGCFKAWDHAGGICEVPRNPCRMSQNHG 240
QY 241 RLNTSTCHCHCPPGYTRYQVRCRSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH 300
Db 241 RLNTSTCHCHCPPGYTRYQVRCRSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH 300
QY 301 TCDLRIDGCFMVSSEADTYRARMKCKORGGVLAQIKSQKQVQDILAFYLGRIETNEVT 360
Db 301 TCDLRIDGCFMVSSEADTYRARMKCKORGGVLAQIKSQKQVQDILAFYLGRIETNEVT 360
QY 361 DSDPETRNFVIGLTYKTAKDSFRWATGEHQAFTSFAFGQPDNHLVWLSAAMFGNVCVEL 420
Db 361 DSDPETRNFVIGLTYKTAKDSFRWATGEHQAFTSFAFGQPDNHLVWLSAAMFGNVCVEL 420
QY 421 QASAAFNWQRCXNRNYICQFAQEHISRWGPQS 455
Db 421 QASAAFNWQRCXNRNYICQFAQEHISRWGPQS 455

RESULT 15

US-09-944-896-50
; Sequence 50, Application US/09944896
; Patent No. US20020168715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Baton, David
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: KJavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/944,896
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/856,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/069,334
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,335
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,278
; PRIOR FILING DATE: December 11, 1997
; PRIOR APPLICATION NUMBER: 60/069,425
; PRIOR FILING DATE: December 12, 1997
; PRIOR APPLICATION NUMBER: 60/069,696
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,694
; PRIOR FILING DATE: December 16, 1997
; PRIOR APPLICATION NUMBER: 60/069,702
; PRIOR FILING DATE: December 16, 1997

; PRIOR APPLICATION NUMBER: 60/069,870
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/069,873
; PRIOR FILING DATE: December 17, 1997
; PRIOR APPLICATION NUMBER: 60/068,017
; PRIOR FILING DATE: December 18, 1997
; PRIOR APPLICATION NUMBER: 60/070,440
; PRIOR FILING DATE: January 5, 1998
; PRIOR APPLICATION NUMBER: 60/074,086
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/074,092
; PRIOR FILING DATE: February 9, 1998
; PRIOR APPLICATION NUMBER: 60/075,945
; PRIOR FILING DATE: February 25, 1998
; PRIOR APPLICATION NUMBER: 60/112,850
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 60/146,222
; PRIOR FILING DATE: July 28, 1999
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: June 22, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: September 15, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28409
; PRIOR FILING DATE: No. US20020168715A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: No. US20020168715A1ember 30, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/28301
; PRIOR FILING DATE: December 1, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: December 16, 1999
; PRIOR APPLICATION NUMBER: PCT/US00/03565
; PRIOR FILING DATE: February 11, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: February 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: March 2, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: March 30, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: May 22, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: July 28, 2000
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: December 1, 2000
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: February 28, 2001
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 50
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-896-50

Query Match 100.0%; Score 2529; DB 9; Length 455;

Best Local Similarity 100.0%; Pred. No. 1e-208;

Matches 455; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MHPETSPGRGHLLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNRLS 60

Db 1 MHPETSPGRGHLLAVLLALGTTWAEVWPQLOEQAPMAGALNRKESFLLLSLHNRLS 60

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Db			
Db	61	WVOPPAADMERLDWSDSLAQAARAALCGIPTPSLASGLWRTLOVGNMQLLPAGLASF	120
Qy	121	VEVVSLEWFAEGORYSHAAECARNATCTHYTQLVWATSSQLGCGRHLCGAGQTAIEAFVC	180
Db			
Db	121	VEVVSLEWFAEGORYSHAAECARNATCTHYTQLVWATSSQLGCGRHLCGAGQTAIEAFVC	180
Qy	181	AYSFGNWEVNGXTIIPYKGMCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSQNHG	240
Db			
Db	181	AYSFGNWEVNGXTIIPYKGMCSLCTASVSGCFKAWDHAGGLCEVPRNPCRMSQNHG	240
Qy	241	RLNISTCHCHCPPGYTGRYQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH	300
Db			
Db	241	RLNISTCHCHCPPGYTGRYQVRCSLQCVHGRFREECSCVCDIGYGGAQCATKVHFFPH	300
Qy	301	TCDLRIDGDCFMVSSSEADTYRARMKQKGGVLAQIKSKVQDILAFYLGRLETTNEVT	360
Db			
Db	301	TCDLRIDGDCFMVSSSEADTYRARMKQKGGVLAQIKSKVQDILAFYLGRLETTNEVT	360
Qy	361	DSDFETRNFWIGLTYKTAKDSFWATGEHOAFTSFAGQPDNHGLVWLSAAMGFGNCVEL	420
Db			
Db	361	DSDFETRNFWIGLTYKTAKDSFWATGEHOAFTSFAGQPDNHGLVWLSAAMGFGNCVEL	420
Qy	421	QASAAFNWNDORCKTRNRYICQFAQBHSRWGPGS	455
Db			
Db	421	QASAAFNWNDORCKTRNRYICQFAQBHSRWGPGS	455

Search completed: September 9, 2004, 09:27:04
Job time : 131 secs